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## About Your **KAMELEON 6**

### Easy to use unique "EL" display

By choosing the ONE FOR ALL **KAMELEON 6** universal remote control you have opted for easy use. Your **KAMELEON 6** features a unique, user-friendly backlit display, which ensures you have easy access to all the keys you need, whilst hiding those you don't. Made of the strictest quality, it will provide long-term satisfaction. After replacing batteries, you will need to first press any key before the screen will light up. From then on, the display will automatically illuminate whenever the remote is picked up (touching screen and remote simultaneously). It is also possible to change the activation-mode into activation by key press. To set the "EL" display to activation by key press, see page 3, section: "EL" screen activation setting. Also, this product comes with a build-in light sensor which will increase the brightness in a bright environment and decrease the brightness in a dark environment.

### Controls up to 6 devices

Your **KAMELEON 6** is designed to let you use one remote to operate your Video and Audio equipment; any device designed to be operated by an infrared signal. Your **KAMELEON 6** comes with 2 IR (infra-red) wide range transmitters for maximum range and is High Frequency capable up to 450 kHz. You can choose any combination of six devices you would like to operate (see page 10 for more information).

### Learning feature

The **KAMELEON 6** comes equipped with the unique "learning feature", which means that you can copy almost any function (max.  $\pm 30$ ) from your original (working) remote control onto your new **KAMELEON 6** (See "Learning Feature" on page 13). This comes in handy, when after having setup your **KAMELEON 6** you may find that some functions from your original remote are missing on your **KAMELEON 6** key pad.

### Macros (sequence of commands)

Your **KAMELEON 6** comes with an easy-to-use Macro feature, allowing you to send several commands with the press of a single key (for example turning a few devices on or off). You can use the custom keys (A, B, C) for this feature. Once you programmed a macro on one of these keys, the sequence will be performed in every mode.

### Code upgrade technology

Your ONE FOR ALL **KAMELEON 6** also offers a Code upgrade technology. This technology gives you the possibility to add codes to the memory. If your device uses a particular code which is not found in the **KAMELEON 6** memory (using the "Direct code set up" on page 10 or the "Search Method" on page 11) you may use the "Code Upgrade Technology" (see page 23). Thanks to this technology your **KAMELEON 6** will never become obsolete.

## Batteries

Your **KAMELEON 6** requires 2 AA/LR6 alkaline batteries.

1. Push the battery door upwards and lift it up to remove it.
2. Match the batteries to the (+) and (-) marks inside the battery case, then insert the batteries.
3. Replace the battery cover by pushing downwards and allowing it to click back into position.

---

- *After re-installing the batteries, the entire "EL" display will be lit for a duration of 6 seconds upon the first key press after which it will default to the TV mode.*



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### Low Voltage Indicator

As soon as the batteries run out of power the **KAMELEON 6** will indicate this. The IR indicator will flash 5 times whenever you press a key. Please make sure to replace them with 2 new AA/LR6 alkaline batteries.

# The Keypad





This product features an "EL" panel (Electro Luminescence technology) which is activated by touching screen and remote simultaneously and/or by keypress. In order to save battery life, the "EL" screen will stay illuminated for 8 seconds during normal use. If you want you can change the "**EL**" **Screen activation setting** from activation by touching screen and remote simultaneously and/or by keypress. If you want you can also change the "**EL**" **On time setting**. It is also possible to adjust the "**EL**" **Screen brightness-settings** on the **KAMELEON 6** "EL" panel. One of the key features of the **KAMELEON 6** is the "EL" display, which changes to suit the device you are controlling. The overview on page 4 and 5 will show you all the possible screens and the functions that you will obtain.

	= MAGIC (hat) key
	= The animated IR Indicator that will light up during programming

## "EL" Screen activation setting

The **KAMELEON 6** features an "EL" panel which is activated **by touching screen and remote simultaneously** or **by keypress**.







It is possible to **lock** the **KAMELEON 6** to one activation setting:

-  **Press and hold the MAGIC key until the rabbit comes out of the hat (the screen will change to the setup screen).** 
-  Press **OTHER**.
-  Now press **9 8 9**. The IR Indicator will blink twice (or 4 times).
  - > If the animated IR Indicator blinks **twice** the "EL" panel will be **activated only by touching screen and remote simultaneously**.
  - > If the animated IR Indicator blinks **four times** the "EL" panel will be **activated only by keypress**.

Simply perform these steps to lock the **KAMELEON 6** to the activation setting that you prefer.

## "EL" Screen brightness adjustment

To increase or decrease the brightness of the **KAMELEON 6** "EL" screen:


-  **Press and hold the MAGIC key until the rabbit comes out of the hat (the screen will change to the setup screen).** 
-  Press **BRIGHT**.
- >  To increase the brightness of the "EL" screen press and hold **CH+**.  
->  To decrease the brightness of the "EL" screen press and hold **CH-**.
-  Press **ESC** to store the brightness setting and return to the setup screen.

- Increasing the brightness of the **KAMELEON "EL"** panel can decrease the battery life. Battery life varies from 3 - 12 months (depending on brightness setting and usage).

## The Keypad

2.  Press **OTHER**.

3.  Press **9 7 8**.

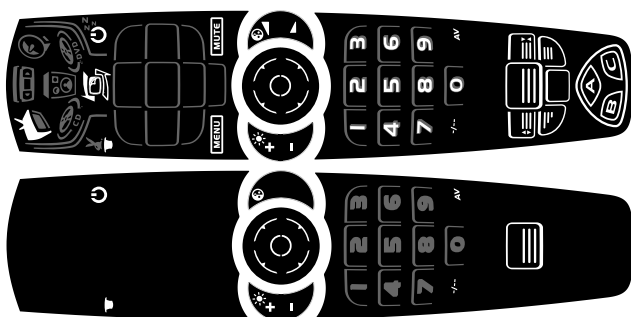
4.  Press **1, 2, 3, 4 or 5** (e.g. 1 = 4 seconds) depending on your choice, see table below. The animated IR Indicator will blink twice and the remote will return to the setup screen.

Selection	"EL" On Time
1	4 seconds
2	8 seconds (default)
3	12 seconds
4	16 seconds
5	20 seconds

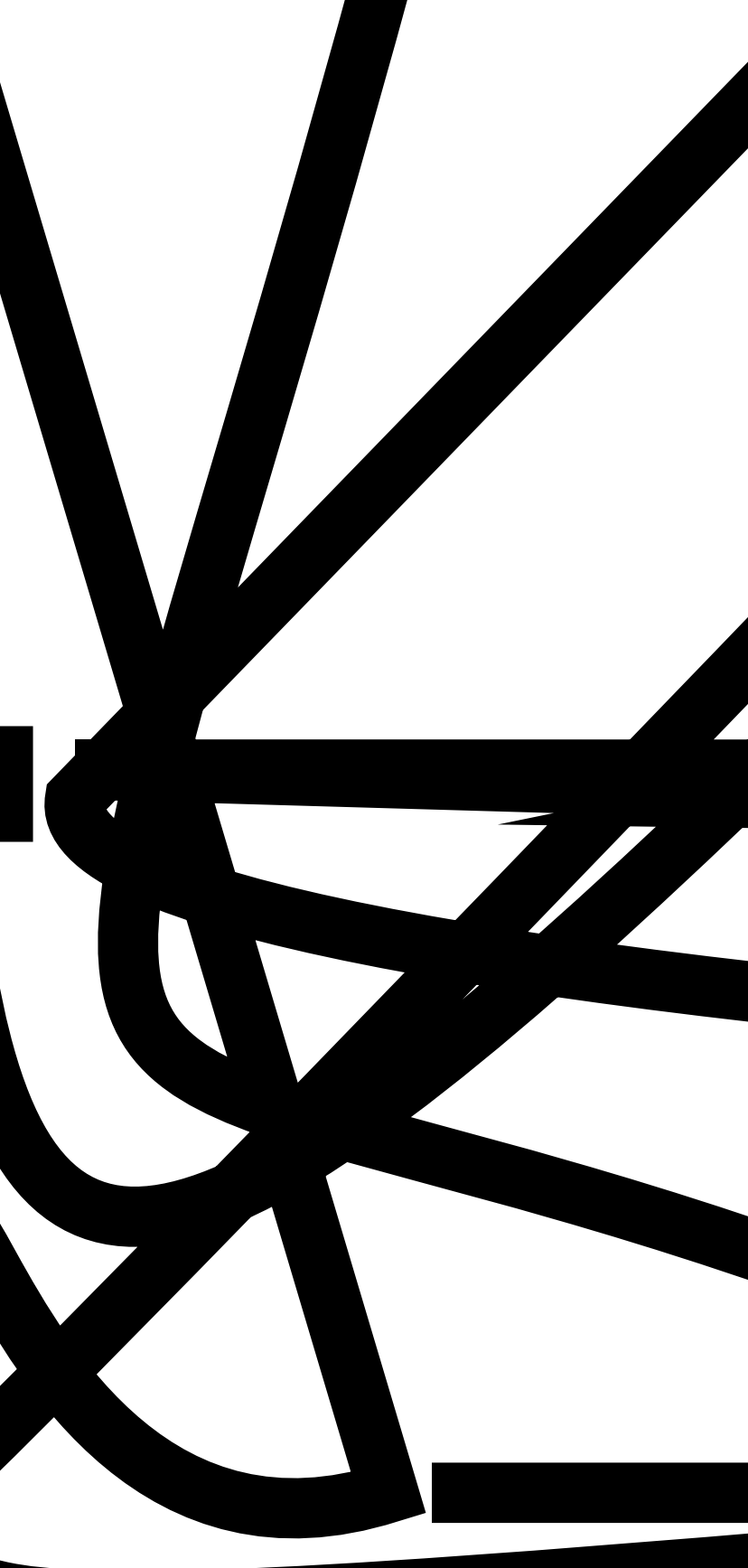
TV

Text

Menu

























VCR








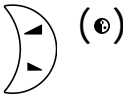
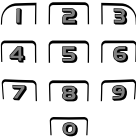






# The Keypad

5.  **POWER (in shifted mode; Sleep timer)**  
 The POWER key controls the same function as on your original remote. In shifted mode (accessed by pressing MAGIC shortly and releasing it) the POWER key becomes the Sleep timer function (see page 19).
6.   **PP / RANDOM**  
 In TV and SAT mode this key may feature the "Last Channel", "Previous Program" or "Recall" function (depending on your original remote control). In CD, AUD and DVD mode you will obtain the RANDOM (or shuffle) function.
7.    **PVR / PRESET / EJECT**  
 In SAT mode the "PVR" key will change the screen into SAT PVR (Personal Video Recorder), which will bring up the transport functions (REW, PLAY, FF etc.). If your digital satellite receiver or cable converter has a built in recording function, you can operate it with these keys.  
 In AUD mode, the PRESET key will change to the PRESET/MENU screen allowing access to the PRESETS 1 - 9, 0 and +10 on the digits. If available on your original remote you will obtain the EJECT function (in VCR, CD, DVD modes).
8.   **16:9 / PROG**  
 In TV mode you will obtain the 16:9 (screen format) function. In VCR, DVD, AUD and CD mode you will obtain the PROG (program) function.
9.    **TV/SAT / TV/VCR / TV/DVD**  
 In SAT mode you will obtain the TV/SAT function. In VCR mode you will obtain the TV/VCR function. In DVD mode you will obtain the TV/DVD function.
10.    **INFO / TIMER / BACK**  
 In SAT and DVD mode you can select the "info" function. In VCR mode you will obtain the TIMER RECORD or TIMER ON/OFF function. In SAT menu mode you may use the "back" key to go to the previous menu screen.
11.   **FAV / SP/LP**  
 In SAT mode you will obtain the FAV (favourite) function. In VCR mode you will obtain the SP/LP (tape speed) function.
12.   **AUDIO / TUNE -**  
 In DVD, SAT and AUD mode you will obtain the "Audio" function. In AUD mode you will obtain the "TUNE -" function in the preset/Menu screen.
13.   **GUIDE / DSP**  
 In SAT mode the "GUIDE" key will change the screen into SAT-menu mode and give you the "Guide" function, if available on your original remote. In DVD mode you will obtain the "Guide" function, if available on your original remote. In AUD mode you will obtain the "DSP" function.
14.   **SUBT. / TUNE +**  
 In SAT, DVD and AUD main mode you will obtain the SUB-TITLE function. In AUD mode you will obtain the "TUNE +" function in the preset/Menu screen.

# The Keypad

15.  **MENU**  
Pressing this key will allow you to operate the Menu and in TV, VCR, CD, AUD and SAT mode will also change the screen to the menu mode. The MENU key operates the same function it did on your original remote control.
16.  **EXIT**  
The EXIT key will operate the same as on your original remote. To return to the main screen (TV, VCR, SAT, CD, AUD mode) press the device key or use the SCROLL key.
17.  **MUTE**  
The Mute key operates the same function it did on your original remote control.
18.  **CH +/- (in shifted mode; brightness +/-)**  
These keys operate just as those on your original remote. In shifted TV mode (accessed by pressing MAGIC shortly and releasing it) these keys may provide you the brightness +/- function.
19.  **CENTRE / REAR**  
In AUD mode these keys will (if available on your original remote) allow you to adjust the CENTRE and REAR levels of your speaker(s).
20.  **SURROUND / OK**  
If available on your original remote this key will allow you to access the surround mode of your device. In menu mode this key will confirm your choice. On some devices you can confirm your menu option simply by pressing MENU.
21.  **Directional keys**  
If available on your original remote control, these keys will allow you to navigate through the menu. On some TV's you may have to press CH+/- and VOL+/- keys OR the color keys (red, green, yellow, blue) to navigate through the menu, depending on your model of TV.
22.  **VOL +/- (in shifted mode; colour +/-)**  
The volume keys operate just as those on your original remote. In shifted TV mode (accessed by pressing MAGIC shortly and releasing it) these keys may provide you the colour +/- function.
23.  **Number keys / INPUT (in prog. Mode; setup features)**  
The number (1 – 9, 0) keys provide functions just like your original remote. In AUD mode, the number (1 – 9, 0, +10) keys may provide (if available on your original remote) an INPUT function (TUNER, CD etc.). If your original remote features an "function select" or "input select" function you may find this under the SEL key. **When in programming mode the digit keys will display the various setup features.**
24.  **-/-- / +10**  
If your original remote uses one/two digit input switching (-/-- symbol), this function can be obtained by pressing the -/-- key. In DVD, CD or AUD mode you will obtain the +10 function.
25.  **AV / SEL (input select)**  
The AV key operates the same function it did on your original remote control. If your original remote uses a 20 key, this function can be found by pressing the AV key. If your original audio remote comes with a "function select" or "input select" function, you can obtain this pressing the SELECT key.







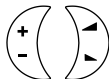






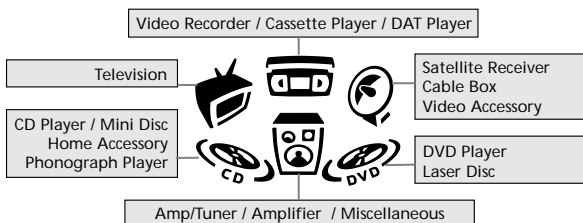
# Setting up the **KAMELEON 6**

(How to set up the **KAMELEON 6** to control your devices)

**Example: To set up the KAMELEON 6 for your television:**

1. Make sure your television is **switched ON** (not on standby).
2. **Find your device code in the Codelist (page 26 - 52).** Codes are listed by device mode and brand name. The most popular code for each brand is listed first. If your brand is not listed at all in the code section, try the Search Method on page 11.
3.  **Press and hold down the MAGIC key** (for about 3 seconds) until the rabbit comes out of the hat (the screen will change to the setup screen). 
4.  Press the **DEV SET** key.
5.  Press and release the **TV** key to select the device type you like to setup.
6.  Enter your **four-digit code** using the number keys. The animated IR Indicator will blink twice. 
7.  **Now, aim your KAMELEON 6 at your television** and try the following keys to test if the KAMELEON 6 will work with your device;
  - **CHANNEL +, CHANNEL-**
  - **VOLUME +, VOLUME -**
  - **MUTE**
  - **POWER.**
8.  If your device is responding, **press OK to save the code.** If your device does not respond, just enter the next code listed under your brand. If none of the codes listed for your brand operate your device, then try the Search Method described on page 11.
9.  **Press ESC twice to return to user mode (all keys are displayed), OR press a device key to select the next device you like to setup.**

- Most TV's do not switch back on pressing the **POWER** key, please try pressing "**CHANNEL+**" key to switch your TV back on.
- Some codes are quite similar. If your device does not respond or is not functioning properly with one of the codes, try another code listed under your brand.
- To set up your other devices, follow the same instructions above, only press the appropriate device key during step 5.
- Remember to press the correct device key before operating your device. Only one device can be assigned to a device key.



To set up a second TV, VCR, SAT, CD, AUD or DVD (See page 16).



# Setting up the *KAMELEON 6*

## Search Method

- > If your device does not respond to the *KAMELEON 6* after you have tried all the codes listed for your brand.
- > If your brand is not listed at all.

The Search Method allows you to scan through all the codes contained in the memory of the *KAMELEON 6*.

### Example: To search for your TV code:

1. Switch ON your Television (not on standby).
2. **Press and hold down the MAGIC key** (for about 3 seconds) until the rabbit comes out of the hat (the screen will change to the setup screen).
3.  Press **SEARCH**.
4.  Press and release the **TV** key to select the device type you like to setup.
5. Next, press **POWER**.
6. **Point the *KAMELEON 6* at your Television. Now press CH+ over and over, until your Television turns off** (every time you press the CH+ key the *KAMELEON 6* will send out a POWER signal from the next code contained in the memory).  
  
**You may have to press CH+ many times (up to 150 times) so please be patient. Remember to keep pointing the *KAMELEON 6* at your Television while pressing this key.** (If you skip past a code, you can go to the previous code(s) by pressing the CH - key.)
7. **When your Television switches off,** press the **OK** key to **store the Code**.  
The animated IR Indicator will light up twice.
8. Press **ESC** to **return to the setup screen**, or press a **device key** if you want to perform the Search Method for another device.
9. **Press ESC again to return to user mode (all keys are displayed).**  
Turn your device (television) back on and try all the remote's functions to ensure they are working properly.  
If you cannot control your Television properly, please continue the Search Method, you may be using the wrong Code.

- 
- During step 5, instead of **POWER** you can also press any other key displayed. This will be the function sent for the next key presses of CH+ or CH- in step 6. If for example; during step 5, you press "2" instead of "POWER", the *KAMELEON 6* will send the "number 2" signal every time you press CH+ during step 6 (make sure your TV is switched to another channel).
  - To search for your other devices, follow the same instructions above, only press the appropriate device key during step 4.
  - If your Video's original remote control does not have a **POWER** key, press **PLAY** instead of **POWER** during step 5.
-

## Code blink out

(To find out which code is currently programmed)

If you have set up your *KAMELEON 6* via the Search Method, you can blink back your code for future reference. Please note that the animated IR Indicator will indicate the 4 digits by animated blinks.

### Example: To blink out your television code:

1. Press and hold down the **MAGIC** key (for about 3 seconds) until the rabbit comes out of the hat (the screen will change to the setup screen).
2. Press **OTHER**.
3. Press **9 9 0**, the animated IR Indicator will light up twice.
4. Press and release the **TV** key to select the device type you like check the code for.
5. For the **first** digit of your **four-digit code**, press **1** and count the blinks of the animated IR Indicator. If there are no blinks, the digit is "0".
6. For the **second** digit, press **2** and count the animated blinks. If there are no blinks, the digit is "0".
7. For the **third** digit, press **3** and count the animated blinks. If there are no blinks, the digit is "0".
8. For the **fourth** digit, press **4** and count the animated blinks. If there are no blinks, the digit is "0". **Now you have found your four-digit code.**
9. Press **ESC** to return to the setup screen OR press a **device key** if you want to perform the blink out for another device.
10. Press **ESC again** to return to user mode.







---

- To blink back the code for your other devices follow the instructions above, only press the appropriate device key during step 4.

---

## Quick code Reference

Write down the codes for your devices in the boxes below for quick and easy reference.

	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>		<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

# Learning Feature

(How to copy functions from your original working remote onto the **KAMELEON 6**)

The **KAMELEON 6** comes with a complete library of pre-programmed codes. After you have set up the **KAMELEON 6** for your device, you may find that there are one or more keys that you had on the original remote control, which do not have a place on the **KAMELEON 6** keypad.

The **KAMELEON 6** offers a special Learning feature that allows you to copy almost any function from your original remote control onto the keypad of the **KAMELEON 6**.

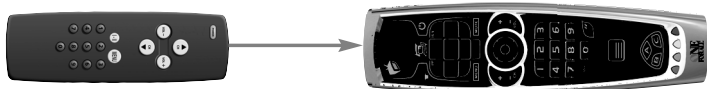
## Before you start:








- Make sure your original remote is working correctly.
- Make sure neither your **KAMELEON 6**, nor your original remote control is pointing at your device.

## Learning (direct)

**Example:** To copy the "mono/stereo" function from your original TV remote control onto the "A"-key of your **KAMELEON 6**.

1. Place the **KAMELEON 6** and your original remote control on a flat surface. Make sure the ends which you normally point at your device are facing each other. Point the original remote to the front of the **KAMELEON 6** (see picture below). Keep the remotes at a distance of 2 to 5 cm (0.8 to 2 inches).



2.  **Press and hold down the MAGIC key** (for about 3 seconds) until the rabbit comes out of the hat (the screen will change to the setup screen). 
3.  **Press IR LEARN.**
4.  **Press the device key** (Example: **TV** key) on the **KAMELEON 6** remote to select the mode to which you want to copy the learned function.
5.  **Press the key** (Example: **"A"** key) on the **KAMELEON 6** remote where you want to place the learned function. The IR Indicator will show "incoming IR" three times and then the display will switch off.
6.  **Press and hold** the key that you want to copy (Example: **mono/stereo**) on your original remote control. The display switches back on and you will see two blinks to indicate successful learning operation.
7. If you want to copy other functions within the same mode, simply repeat steps 5 and 6 pressing the next key you want to copy by learning. If you want to copy another function in a different mode, simply continue with step 4 followed by steps 5 and 6.
8.  **To exit the learning mode and return to the user screen, press the ESC key twice.** (x2)

- As soon as the display switches off in step 5 you need to press the key (in this example: the "mono/stereo" key) on your original remote within 10 seconds. If no key is pressed while in learning mode, the remote will return to user mode after 30 seconds.
- During learning, keys such as (TV) menu, (VCR) menu etc. will not change screen when pressed.
- If you learn a function on a key, the original KAMELEON 6 function automatically becomes shifted. Press the MAGIC key then the key to access it (this excludes the POWER, Channel and Volume keys). If you learned on a digit key, access the original function by pressing magic twice and then the digit.
- If you want to learn a function on a key that is not in the main screen, use the SCROLL key to change the screen.
- The learning feature is mode specific. Therefore you can place one learned function per mode on the same key.
- The KAMELEON 6 can learn approximately 30 functions. The amount of keys depends on the other programmed functions and on the remote to be learned from.
- You can replace a learned function by placing another learned function on top.
- Please make sure not to use the learning procedure when in direct sunlight or under incandescent lights.
- Make sure you are using new batteries before following the learning instructions above.
- Upon changing the batteries, your learned functions will be retained.

## Shifted Learning

It is also possible to place a function *shifted* on a key to maintain the original function.

**Example:** to place the **mono/stereo** function *shifted* on the "red" key.

To place the (e.g. **mono/stereo**) function shifted on the red key, simply follow steps 1-8 on page 13, only press "**MAGIC**" then the "**red**" key (instead of then 2 learnings - dsec 9

## Learning Feature

### To delete a learned function:

To delete one single learned function, follow the steps below.

Example: to delete the **mono/stereo** function learned on the **"A"** key in **TV mode**:

1. **Press and hold the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **IR DELETE**.
3. Press the device key (example **TV**) in which the function will be deleted.
4. Press the learned key which you want to restore (example **"A"**) **twice**. The IR Indicator will blink twice and the unit will return to the setup screen.

---

- *The original function (if present) of the KAMELEON 6 will be restored.*  
- *If there is another learned function you want to delete, repeat steps 2 – 4.*

---

### To delete a "Shifted" learned function:

To delete one single "shifted" learned function, follow the steps below.

Example: to delete the **mono/stereo** function learned *shifted* on the **"red"** key in **TV mode**:

1. **Press and hold the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **IR DELETE**.
3. Press the device key (example **TV**) in which the function will be deleted.
4. Press **MAGIC** then press **twice the learned key** which you want to restore (example **"red"** key). The IR Indicator will blink twice and the unit will return to the setup screen.

---

- *The original function (if present) of the KAMELEON 6 will be restored.*  
- *If there is another Shifted learned function you want to delete, repeat steps 2 – 4.*

---

### To delete all learned functions within a certain mode:

Example: to delete all learned functions within the TV mode:

1. **Press and hold the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **IR DELETE**.
3. Press the **mode key** in which you want to delete all functions **twice**. In our example, press **TV twice**. The IR Indicator will blink twice and the remote will return to the setup screen.

### Operational Reset:

The Operational Reset will erase all learned functions across all modes. It may also delete some other programmed functions like Key Magic or Macros.

1. **Press and hold the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **OTHER**.
3. Press **9 8 0**. The IR Indicator will blink four times and the remote will return to the setup screen.

## Extra Features

### Mode re-assignment

(How to set up two of the same devices on the *KAMELEON 6*)

It is possible to change the mode of any device key. This is useful if you want to set up two of the same devices on the *KAMELEON 6*. The modified device key will display the applicable keys for the revised mode. The code can be set up using the "Direct set up" (p. 10) or "Search method" (p. 11). To change a device key, see the two examples below.

**Example 1;** if you like to program a second TV on the DVD key.

**Example 2;** if you like to program a second VCR on the SAT key.

#### Example 1:

To program a second Television on the DVD key (for example), you need to change the DVD key into a TV key, so press:



**The DVD key has now become a second TV key and will display the applicable keys for this mode.**

Now enter the Set-Up code for your second TV by pressing:



#### Example 2:

To program a second Video Recorder on the SAT key (for example), you need to change the SAT key into a VCR key, so press:



**The SAT key has now become a second VCR key and will display the applicable keys for this mode.**

Now enter the Set-Up code for your second VCR by pressing:



- If you program a different device type on another key (e.g. second TV on the DVD key) the original device key icon will remain, but the displayed function keys will change to suit the new device mode. For example; if a second TV is programmed on the DVD key, TV-text functions will be displayed in DVD mode.

### Resetting a Device key

Example: To reset the DVD key to its original mode, press:



- (\*) Hold down the MAGIC key until the rabbit comes out of the hat (the screen will change to the setup screen).
- (\*\*) The animated IR Indicator will blink twice (the screen will change to the setup screen).



## Extra Features

### Colour & Brightness

Depending on the functions of your original remote control, the *KAMELEON 6* can operate the colour and brightness settings of your Television.

**To adjust the colour:**

Press the **MAGIC** key followed by **Volume +** (for colour +) or **Volume -** (for colour -).

**To adjust the brightness:**

Press the **MAGIC** key followed by **Channel +** (for brightness +) or **Channel -** (for brightness -).

Depending on how you used colour and brightness on the original remote, you may need to access colour and brightness in a different way (through menu for example).

### Channel +/- simulation

If your original TV, VCR or SAT remote control does not have any channel +/- keys, your *KAMELEON 6* can simulate this function.

**Example: to program “Channel +/- Simulation” in TV mode:**

1. **Press and hold the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **OTHER**.
3. Press **9 7 1**. The IR Indicator will light up twice.
4. Press the device (e.g. **TV**) which should give a channel simulation function. The animated IR Indicator will blink **twice** (the screen will change to the setup screen).

The original channel +/- function of your TV (if present) on the CH+/- key will now be sacrificed.

**Example: to cancel the “Channel +/- Simulation” in TV mode:**

1. **Press and hold the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **OTHER**.
3. Press **9 7 1**. The IR Indicator will light up twice.
4. Press the device (e.g. **TV**) which should give you the original CH+/- function. The animated IR Indicator will blink **four times** (the screen will change to the setup screen).

The CH+/- function of your TV (if present) will now be restored.

- 
- *The Channel +/- simulation will be limited to: 1 – 9, 0.*
  - *It is only possible to switch Channel +/- simulation on for one mode at a time.*
-

## Extra Features

### Volume Punch-Through

This feature allows you to adjust the volume of a certain mode (e.g. TV mode) while being in a different mode (e.g. VCR). If for example you're watching a programme on your Video, you can adjust the volume (a TV function) without first pressing the TV key. The chart below lists some of the possibilities:

Last key pressed:	You can control:
SAT :	TV volume up and down, mute
VCR :	TV volume up and down, mute
DVD :	TV volume up and down, mute
CD :	TV volume up and down, mute
AUD :	TV volume up and down, mute

Example: To punch through to AUD volume, being in any other mode (e.g. VCR, SAT or DVD mode):

1. **Press and hold down the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **VOLUME**.
3. Then press the **AUD** key and the animated IR Indicator will blink **twice** and the remote will return to the setup screen.

Result: being in any (e.g. DVD) mode, you will be able to control VOL+/- or MUTE functions of your AUD.

#### To cancel the "Volume Punch Through" per mode:

Example: to cancel the "Volume Punch Through" for the VCR mode:

1. **Press and hold down the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **VOLUME**.
3. Then press the **VOL (-)** key.
4. Press **VCR** once. The IR Indicator will blink **four times** and the unit will return to the SETUP screen.

Result: being in VCR mode, you will be able to control VOL+/- or MUTE functions of your VCR (provided it has volume control).

#### To cancel the "Volume Punch Through" for all modes:

1. **Press and hold down the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **VOLUME**.
3. Then press the **VOL (+)** key and the IR Indicator will blink **four times** and the screen will return to the setup screen.

Result: In all modes the VOL+, VOL- and MUTE keys will now operate the original functions again.

## Extra Features

### Device Sleeptimer

If your device has a "Sleeptimer" function built in, you can access this function with your **KAMELEON 6** remote. To do so:

1. Make sure your **device** is **switched on**.
  2. Press the device key **TV** (or **SAT, CD, AUD**).
  3. Point the **KAMELEON 6** at your device and press and release the **MAGIC** key then press **POWER**. You should see the Sleeptimer activate on your device. To increase the timer, simply press **POWER** again (within 10 seconds) until the timer gets to the desired time.
- 
- To deactivate the "Sleeptimer", repeat steps 1 – 3 above. During step 3, continue pressing **POWER** again (within 10 seconds) until the timer indicates zero minutes.
  - Depending on how you used sleeptimer on the original remote, you might need to access sleeptimer in a different way (through menu for example).
- 

### The KAMELEON 6 - Timer

The **KAMELEON 6** – Timer function allows you to activate a **<desired function>** from a specific **<device mode>** within a **<specific amount of minutes>** (max. amount of timer is 60 minutes).

- 
- The **<desired function>** can be an existing function within a specific mode, a Macro, a Key Magic function or a Learned function.
- 

Example: you want your TV to switch off after 45 minutes.

1. **Press and hold the MAGIC key until the rabbit** comes out of the hat (the screen will change to the setup screen).
  2. Press **OTHER**.
  3. Press **9 8 5** to enter the **KAMELEON 6** –Timer programming mode. The animated IR Indicator will blink twice.
  4. Press **TV** to select the mode where the **KAMELEON 6** – Timer function will come from. The animated IR Indicator will blink twice.
  5. Press the **POWER** key to select the desired function. The animated IR Indicator will blink twice.
  6. Now press **4 5** to enter the amount of minutes after which the **<Desired function>** needs to be activated (e.g. for 5 min. press 05, max. up to 60).
  7. Press and hold **OK** for a duration of 3 seconds to activate the **KAMELEON 6** – Timer function.
- 
- Invalid key presses during the programming of **KAMELEON 6 - Timer** will be ignored.
  - The **<Desired function>** can be any key except for Device keys, **SCROLL** and **MAGIC**.
  - While the **KAMELEON 6 – Timer** is running, the IR animation will light every 15 seconds.
  - The **KAMELEON 6 –Timer** function is cancelled by setting up a new **KAMELEON 6 – Timer** function.
  - Upon entry of an invalid key sequence, the remote control shall display one long IR illumination of the IR animation and the remote will return to the **SETUP** screen.
  - If no key is pressed while setting up a **KAMELEON 6 – Timer** function, the remote will return to user mode after 30 seconds.
  - The **SCROLL** key can be accessed any time during programming if applicable in the current device mode.
-

## Extra Features

### KAMELEON 6 - Recall

The **KAMELEON 6 - Recall** function allows you to program up to two channels, each consisting of a maximum of 4 key presses per channel entry. This allows you to swap back and forth between two channels with the press of a single key.

1. Press the **MAGIC and PP keys together until the rabbit** comes out of the hat. The animated IR Indicator will blink twice.
  2. Enter the first channel number **exactly as you would on your original remote** (e.g. <-/->, <1>, <2> to get channel number 12).
  3. Press **PP once** and release. The animated IR Indicator will blink once.
  4. Enter the second channel number **exactly as you would on your original remote** (e.g. <-/->, <2>, <3> to get channel number 23).
  5. Press the **MAGIC key**, the IR animation blinks twice.  
If you press PP, you will obtain the second channel programmed (being <23>) and if you press PP again you will obtain the first channel programmed (being <12>).
- 
- *The KAMELEON 6 - Recall is mode dependant and can only be programmed in TV or SAT mode.*
  - *The KAMELEON 6 - Recall Feature is only programmable in one mode at a time.*
  - *To enter only one channel number, skip steps 3 and 4.*
  - *If two channel numbers have been stored previously, entering one new channel will delete the oldest entry.*
  - *If no key is pressed while in KAMELEON 6 – Recall mode, the remote will return to user mode after 30 seconds.*
- 

#### To reset the PP key:

1. Press the **MAGIC and PP keys together until the rabbit** comes out of the hat. The animated IR Indicator will blink twice.
2. Press **PP** and release. The animated IR Indicator will blink once.
3. Press **MAGIC** and release. The animated IR Indicator will blink twice.

## Extra Features

### Macros (sequence of commands)

#### ■ Macros (direct)

You can program your *KAMELEON 6* to issue a sequence of commands at the press of one button. For example, you may want to turn off your TV, VCR and Satellite at the same time. Any sequence of commands you regularly use can be reduced to one key stroke for your convenience. A key that is programmed with a Macro works through all modes (provided it's accessible in that mode). Therefore a Macro can best be set on either the A, B or C key. However, you can install a Macro on any key (provided it's accessible in that mode), except for the device keys (TV, VCR, SAT, AUD, CD and DVD), the MAGIC key and the SCROLL key.

Example: To set up a Macro *that switches off your TV, VCR and SAT* on the "A" key on your *KAMELEON 6*:

1. **Press and hold MAGIC until the rabbit** comes out of the hat (the screen will change to the setup screen).
2. Press **MACRO**.
3. Press the device key (e.g. **TV**) to display all keys of the mode.
4. Then press the key to which the Macro will be assigned, in this case the "**A**" key.
5. Next press **TV, POWER, VCR, POWER, SAT, POWER**.
6. To store the Macro, **press and hold MAGIC until you get two blinks on the IR Indicator and the rabbit disappears** (the screen will return to the setup screen).

Result: Whenever you press the "**A**" key, the *KAMELEON 6* will turn off your TV, VCR and Satellite receiver.

- 
- Each **MACRO** can consist of a maximum of 15 keystrokes.
  - To include a function from a particular screen in a mode, use the **SCROLL** key.
  - Make sure that you program a Macro on a spare key that you don't use in any mode.
  - Once you program a Macro on a specific key, the sequence will work regardless of the mode (TV, VCR, SAT, CD, AUD or DVD) you are using (if the label is the same as the label on which the Macro was programmed). This means that the function picked on that specific key will be sacrificed.
  - To avoid accidental recordings with the *KAMELEON 6*, you must press the **RECORD** key twice to begin recording. Please note that if you assign a Macro or Shifted Macro to the **RECORD** key, this will deactivate the double key press. Therefore we recommend not to assign a Macro to this key.
  - If you had to hold down a key for a few seconds on the original remote control to get a function, this function may not work in a macro on your *KAMELEON 6* remote.
  - Keys such as (TV) menu, (VCR) menu etc. will not change screen when pressed during Macro programming.
  - Upon changing the batteries your Macro(s) will be retained.
  - If you program a Macro on a key, the original function will become shifted (excluding **POWER**, **CH+/-** and **VOL+/-** keys). Press **MAGIC** then the key to access it. If you place a Macro on a digit key, access the original function by pressing **MAGIC** twice and then the digit key.
  - You can replace a Macro by placing another Macro on top.
-

## Extra Features

### Shifted Macros

It is also possible to place a *shifted* Macro on a key to maintain the original function.

Example: To set up a Shifted Macro *that switches off your TV, VCR and SAT* on the "RED" key on your *KAMELEON 6*: (so that you will keep the original function on the "RED" key).

MAGIC*	MACRO	TV	MAGIC	"Red"	TV, POWER, VCR, POWER, SAT, POWER	MAGIC**
--------	-------	----	-------	-------	---	---------

Now every time you press "**MAGIC**", then the "**red**" key, the *KAMELEON 6* will turn off your TV, VCR and Satellite.

- If a Shifted Macro is placed on the POWER, CH+/- or VOL+/- keys, the Sleptimer and Colour/Brightness features will be sacrificed.

### To erase a (direct) Macro

Example: To erase the Macro from the "A" key, press:

MAGIC*	MACRO	TV	"A"	MAGIC**
--------	-------	----	-----	---------

### To erase a (shifted) Macro

Example: To erase the Shifted Macro from the "red" key press:

MAGIC*	MACRO	TV	MAGIC	"red"	MAGIC**
--------	-------	----	-------	-------	---------

- 
- (\*) Hold down the MAGIC key until the rabbit comes out of the hat (the screen will change to the setup screen).
  - (\*\*) Hold down MAGIC until the IR Indicator will blink twice and the rabbit will disappear (the screen will change to the setup screen).
-

## Extra Features

### Code Upgrade Technology

Your *KAMELEON 6* contains a unique feature, which allows new codes to be added simply by holding it to your telephone. In a matter of seconds, our magnetic coupling technology quickly and reliably transfers information to the *KAMELEON 6* without complex plugs, adapters or attachments. This means, as you buy new products in the future, the *KAMELEON 6* will never become obsolete.

#### Internet download

(Upgrade your *KAMELEON 6* remote...via your PC)

1. Visit our website "[www.oneforall.com](http://www.oneforall.com)".
2. Select **your region**.
3. Select "**Product support**".
4. Select "**Universal Remote Controls**".
5. Select **the ONE FOR ALL remote** you want to upgrade: *KAMELEON 6* (URC-8206).
6. Select '**Internet Download**'.



Now you have entered our special Online Download section. From this point just follow the instructions on the screen for easy upgrade of your remote.

#### Phone upgrade

(Upgrade your *KAMELEON 6* remote...via your phone)

Alternatively ring our consumer help-line and one of our customer service representatives will assist you through the entire process of upgrading your *KAMELEON 6*. To ensure the process goes smoothly, here are a few steps to follow:

1. Write down the brand name(s) and model number(s) of your device(s) in the space provided on the Consumer Service page before you call.
2. Ring our consumer help-line and explain which device(s) you would like added to your *KAMELEON 6*.
3. After our customer service agent records the brand name(s) and model number(s) of your device(s), he/she will lead you through the set up procedure and then will ask you to hold the *KAMELEON 6* to the speaker portion of your telephone (see diagram below). In doing this, the information needed for your device is transferred through the telephone into your *KAMELEON 6* in a matter of seconds.  
**Please note, cordless telephones, speaker telephones and mobile telephones are not recommended.**
4. After your *KAMELEON 6* has been upgraded by telephone, stay on the line. Our customer service agent will ensure that your *KAMELEON 6* is working properly with your device(s) and will answer any other questions you may have.



## Extra Features

### Key Magic®

(How to program missing functions)

Key Magic® is an exclusive ONE FOR ALL feature. The design of the *KAMELEON 6* ensures that many functions of your original remote control can be operated - even those that do not have their own key on the *KAMELEON 6* keypad. Frequently used functions can be assigned to a key of your choice using the Key Magic® feature of your *KAMELEON 6*. In order to program a certain function with Key Magic® you need to know the corresponding function code. As the function codes vary with different types of devices, they cannot be found in the manual. You can request your function codes through our consumer service help-line, by letter, fax or e-mail.

All we need to know is:

- Brand and Model number of the device in question (for verification if you are using the correct code).
- The 4-digit set-up code your device is working with.
- How the function was labeled on your original remote control.

You can also visit our website ([www.oneforall.com](http://www.oneforall.com)) to find an answer to your questions.

**Once you obtain(ed) your function code(s) from customer service, programming the code is easy:**

1. **Press and hold the MAGIC key until the rabbit comes out of the hat** (the screen will change to the setup screen).
2. Press **KEY MAGIC**.
3. Press the device key (**TV, VCR, SAT, DVD, CD or AUD**).
4. Press the **MAGIC** key once.
5. Enter the **5-digit function code** (provided by customer service).
6. Press the **key to which the function will be assigned** (if this key is located in a different screen than the main screen, use the **SCROLL** key to access the screen). The IR Indicator will blink twice and the screen will return to the Setup screen.

- 
- *Key Magic® functions are mode specific. To access the function you have programmed, press the device key first.*
  - *Key Magic® can be assigned to any key EXCEPT the following: Device keys, MAGIC key and the SCROLL key.*
  - *Please note all the extended function codes you obtain from customer service for easy future reference.*
  - *Keys such as (TV) menu, (VCR) menu etc. will not change screen when pressed during Key Magic® programming.*
- 

### EXTENDED FUNCTION REFERENCE

(first entry is an example):

DEVICE	SET-UP CODE	FUNCTION	FUNCTIONCODE
TV	0556	16/9 format	00234



# Trouble-Shooting

## Problem & Solution

### Problem:

### Solution:

Your brand is not listed in the code section?	Try the search method on page 11.
The <i>KAMELEON 6</i> does not operate your device(s)?	A) Try all the codes listed for your brand. B) Try the search method on page 11.
The <i>KAMELEON 6</i> is not performing commands properly?	You may be using the wrong code. Try repeating the Direct Set-Up using another code listed under your brand or start the search method over again to locate the proper code.
Problems changing channels?	Enter the program number exactly as you would on your original remote.
Video / PVR / DVD / CD / AUD not recording?	As a safety feature on your <i>KAMELEON 6</i> , you must press the Record key twice.
The <i>KAMELEON 6</i> does not respond after pressing a key?	Make sure you are using new batteries and are aiming the <i>KAMELEON 6</i> at your device.
Your original remote had a "20" key?	You can find this function on the AV key.
Upon each keypress, the top segment of the IR indicator will blink 5 times.	Replace batteries with 2 fresh, new "AA/LR6" alkaline batteries.
You are not able to enter programming mode?	Replace batteries with 2 fresh, new "AA/LR6" alkaline batteries.

To conserve battery life, your Kameleon remote is fitted with a light sensor, which adjusts the brightness of the display to suit its environment. For example, it is not necessary to have the display at full brightness in a darkened room, so the remote dims the display somewhat.

If you do not require this function, it can be disabled. To do this:

1. **Press and hold down the Magic key** (for about 3 seconds) until the rabbit comes out of the hat (the screen will change to the setup screen).
2. Press **OTHER**.
3. Press **9 9 9**.

The animated IR Indicator will blink **four times** and the light sensor is now disabled.

To re-enable it, repeat the above steps and the IR Indicator will blink twice.

## Televisions

## Fernseher

## Téléviseurs

## Televisores

## Televisões

## Televisori

## Televisies

A-Mark	0003
A.R. Systems	0556 0374 0455
Accent	0556
Accuphase	0556 1909
Acec	0012
Adcom	0625
Admiral	0363 0418 0087 0305 0163 0264
Adyson	0217 0216
AEA	0556
Agashi	0216 0264 0217
AGB	0516
Agef	0087
Aiko	0556 0216 0371 0035 0433 0072 0361 0191 0264 0217
Aim	0072 0556 0753 0208 0706 0805
Aiwa	0705 0701 1904 1916 1915
Akai	0361 0208 0371 1537 0803 0433 0745 0191 0702 0035 0696 0072 0753 0218 0729 0714 0163 0516 0715 0602 0556 0548 0581 0217 0631 0216 0264 0178 0377 0606 1037 0473 0648
Akiba	0218 0282 0455 0556
Akito	0556
Akura	0556 0668 1668 0493 0218 0282 0264 0714
Alaron	0216
Alba	0418 0370 0235 0371 0668 0556 1037 0355 0218 0216 0431 0163 0487 0581 1668 0579 1904 0714 0443
Alkos	0035
Allorgan	0206 0217

Allstar	0556
Ambassador	0177
Amplivision	0217 0400 0370 0320
Amstrad	0177 0516 0264 0354 0371 0218 0556 0433 0362 1037 0648 0581 1904
Anam	0556 0003
Anam National	0556 0650
Anex	0421
Anglo	0264
Anitech	0264 0556 0282 0102
Ansonic	0370 0556 0668 0374 0163 0292 0102 0411 0259 1437 0012 0428 1904 0104 1668
AOC	0003
Apollo	0473
Arc en Ciel	0109
Arcam	0216 0217
Ardem	0486 0714 0633 0556
Aristona	0556 0012
Arthur Martin	0163 0400
ASA	0105 0346 0070 0104 0087
Asberg	0556 0102
Astra	0556
Asuka	0218 0217 0216 0264 0282 1904
ATD	0698
Atlantic	0556 0216 0206 0320 0259
Auchan	0163 0400
Audiosonic	0374 0556 0109 0714 0715 0217 0370 0337 0264 0218 0486 0428
Audioton	0217 0486 0370 0264 0428
Audiovox	0451 0003
Aumark	0060
Autovox	0087 0206 0217
AVP	1904
AWA	0011 0157 0374 0451 0556 0216 0606 0217 0108 0264 0785
Axxon	0714
Baird	0109 0193 0343 0072 0073 0217 0208 1904
Bang & Olufsen	0565 0087 0275
Barco	0380 0163
Basic Line	0374 0163 0668 0556 0218 0282 0217 0455 0339 1037 1668
Bastide	0217
Bauer	0805

Baur	0535 0195 0512 0556 0554 0191 0361 1010
Bazin	0217
Beaumark	0178
Beko	0486 0035 0428 0714 0370 0418 1037 0556 0606 0715
Bennett	0556
Beon	0556 0418
Berthen	0668 1668
Best	0337 0370 0421
Bestar	0556 0370 0374
Bestar-Daewoo	0374
Binatone	0217
Black Diamond	1037 0556
Black Panther	0102
Black Strip	0035
Blacktron	0282
Blackway	0282 0218
Blaupunkt	0554 0191 0535 0195 0200 0327 0328 0455 0170
Blue Sky	0714 1037 0487 0668 0715 1909 0556 0218 0282 0455 1904 1668
Blue Star	0282
Boots	0217
Bosch	0320 0327
BPL	0556 0282
Brandt	0625 0109 0287 0335 0471 0343 0560
Brandt Electronique	0287 0335
Brinkmann	0556 0668 0519 0418 0486 1668
Brionvega	0556 0362 0087
Britannia	0216 0217
Broksonic	0003
Brother	0264
Bruns	0087 0428
BSR	0163 0361
BTC	0218
Bush	0668 0218 0163 0371 0235 0282 0355 0363 0374 0519 0264 0361 1037 0487 0208 0217 0617 0698 0581 0556 0714 1904 0778 1668
Canton	0218
Capsonic	0264
Carad	0610 0556 0668 1037 1668
Carena	0455 0556
Carrefour	0070 0556

Carver	0170
Cascade	0556
Casio	0556 0163 1904
Cathay	0556
CCE	0556 0217
Celestial	0819 0820 0821
Centrex	0780 0826
Centrum	1037
Centurion	0556
Century	0087 0238
CGE	0306 0418 0370 0163 1904
Changhong	0827
Cimline	0235 0218
Cineral	0451
Cinex	0648
Citizen	0451 0060
Clarivox	0418 0556 0070 0102
Clatronic	0370 0371 0714 0218 0264 0556 0217 0102 0320 0579 0648 1904
Clayton	1037
CMS	0216
CMS hightec	0217
Condor	0320 0556 0370 0216 0282 0102 0418 0411 0163 0264
Conia	0754 0821
Conrad	0556
Contec	0216 0157 0011 0264 0556
Continental Edison	0109 0287 0487
Cosmel	0337 0556
Crosley	0087 0163
Crown	0712 0370 0486 0556 0487 0714 0606 0715 0421 0418 0579 0208 0339
Crystal	0431
CS Electronics	0216 0218
Curtis Mathes	0060 0145 0451 0166
Cybertron	0218
D-Vision	0556
Daewoo	0634 0374 1909 0499 0556 0216 0218 0661 0217 0451 1137
Dainichi	0218 0216
Dansai	0556 0264 0035 0216 0217 0208
Dantax	0370 0486 0714 0606 0715
Datsura	0208
Dawa	0556
Daytek	0698 0706

Daytron	0374 0556
de Graaf	0208 0044 0227 0163 0548 0363
DEC	0795 0785
Decca	0072 0033 0516 0556 0217 1137 0621 1904
Deitron	0556 0374 0218
Denko	0264
Denon	0145
Denver	0556 0606
DER	0193
Desmet	0320 0556 0087
Diamant	0556
Diamond	0264 0698 0696 0804 0825 0216 0371
Digatron	0556
Digiline	0556 0105 0668 1668
Digitor	0556
Digivision	0361
DiK	0556
Dixi	0556 0217 0087
DL	0848 0780
Domeos	0668 1668
Domland	0394
Dual	0217 0343 0519 0556 0259 0394 0163 0531 1904 1137
Dumont	0087 0104 0102 0217 0070 0072 1904
Dunai	0163
Durabrand	1437
Dux	0556 0012
Dynatron	0556 0012
E-Elite	0218
Ecco	0706
Edison-Minerva	0487
Elbe	0435 0238 0259 0362 0292 0370 0163 0556 0218 0191 0411 0610 0217 0516 0361 0630
Elbe-Sharp	0516
Elcit	0087 0516 0102 0163
Elekta	0556 0264 0282
ELG	0556
Elin	0216 0556 0105 0104 0548 0361 0305 0163
Elite	0218 0556 0320 0305
Elman	0102
Elta	0264 0216 0431

Emerson	0177 0714 0178 0087 0556 0371 0070 0282 0320 0361 1909 0486 0370 0163 1904
Emperor	0282
Enzer	0696 0753
Erres	0556 0012
ESC	0556 0217
Estèle	0163
Etron	0556 0163
Eurofeel	0264 0217
Euroman	0216 0264 0556 0217 0421 0370
Europa	0556
Europhon	0516 0102 0163 0217 0556 0431 0216
Excel	0556
Expert	0206 0400 0259 0163 0305
Exquisit	0556
Fagor	0556
Family Life	0556
Fenner	0374
Ferguson	0073 0625 0287 0335 0238 0193 0109 0560 0556 0035 0343 0104 0108 0361 0471 1904 0548
Fidelity	0163 0512 0363 0556 0371 0531 0193 0216 0264 1904 1907 0361
Filsai	0217
Finlandia	0208 0346 0548 0361 0163 0363 0072 0287 0343 0045
Finlux	0105 0104 0556 0714 0346 0217 0072 0163 0516 0715 0070 0087 0102 0411 0631 0492 0629 0473 0418 0606 0621
Firstline	0556 0374 0668 0714 0163 0216 1909 0102 0217 0411 0531 0238 0072 0235 0208 0361 1037 1668
Fisher	0104 0217 0208 0370 0555 0045 0087 0157 0361 0163 0072
Flint	0556 0610 0072 0218 0455 0264
FNR	0102
Forgestone	0193
Formenti	0163 0556 0486 0216 0087 0320

Formenti-	
Phoenix	0216 0320
Fortress	0087
Fraba	0556 0370 0531
Friac	0556 0102 0421 0370 0499
	0655 0610
Frontech	0264 0363 0431 0217 0163
Fujitsu	0206 0072 0102 0217 0163
	0683 0556 0361 0259 0853
Fujitsu General	0217 0206 0163
Funai	0668 0264 1668
Futronic	0264 0795 0860
Future	0556
Galaxi	0102 0556 0361 0163
Galaxis	0370 0418 0102 0556
GBC	0163 0374 0218 0363
GE	0343 0178 0282 0451 0560
	0287 0109 0335 0625
Geant Casino	0163 0400
GEC	0163 0361 0516 0556 0072
	0217
Geloso	0363 0163 0374
General	0590 0109 0287 0471
General Electric	0343 0287
Genesis	0556
Genexxa	0218 0556 0493 0163
Gericom	0865
Giant	0217
Goldfunk	0668 1668
Goldhand	0216
Goldline	0337
GoldStar	0370 0290 0377 0217 0178
	0216 0556 0431 0163 0361
	0109 0363 0606 0044 0714
	0715
Gooding	0487
Goodmans	0634 0374 0499 0556 1037
	0668 1909 0264 0072 0516
	0290 0487 0371 0343 0235
	0035 0560 0217 0335 0218
	0451 0579 0630 0661 1668
Gorenje	0370 0421
GPM	0218
Gradiente	0170 0556
Graetz	0361 0371 0163 0339 0556
Gran Prix	0648
Granada	0400 0556 0226 0356 0012
	0045 0072 0108 0208 0217
	0339 0516 0473 0335 0560
	0163 0363 0225 0343 0548

Grandin	0556 0163 0610 0714 0715
	0668 0374 0320 0282 0218
	0455 0400 0579 1037 1668
Gronic	0102 0217 0163
Grundig	0535 0195 0191 0554 0487
	0070 0706 0556 0587 0443
	0370 0740 0630
Haaz	0706
Haier	0698 0869 0264
Halifax	0264 0216 0217
Hammerstein	0264 0060
Hampton	0216 0217
Hanimex	0218
Hanseatic	0556 0499 0519 0163 0361
	0292 0282 0394 0320 0634
	0428 0370 0661 0217 0431
	0087 0377 0714
Hantarex	0556 0102 0516 0238
Hantor	0556
Harsper	0865
Harwood	0556 0487
Hauptpauge	0556
HCM	0556 0217 0218 0418 0282
	0264
Hedzon	0556
Hema	0217
Hifivox	0109
Higashi	0216
Highline	0264 0556
Hikona	0218
Hinari	0208 0556 0218 0163 0355
	0443 0487 0235 0264
Hisawa	0282 0218 0400 0455 0610
	0714
HiSense	0848 0208
Hit	0087
Hitachi	0225 1225 0356 0044 0108
	0473 0163 0343 0578 0217
	0306 0227 0576 0194 0516
	0072 0481 0499 0563 0145
	0556 0109 0363 0548 0719
	0634 0744 0178 1137 0105
	0492 1481 0361 0512 1045
	0629 1037
Hitachi Fujian	0108 0225 0576
Hitsu	0455 0218 0610
HMV	0087 0193
Höher	0714
Home	
Electronics	0606

Hornophon	0556 0012
Hoshai	0218 0455 0282
Huanyu	0374 0216
Hygashi	0217 0216
Hyper	0216 0217
Hypersonic	0361
Hypson	0556 0714 0715 0264 0217 0282 0455 0400 0238 0668 1668
Hyundai	0803 0865 0556 0706 0753
Iberia	0556
ICE	0264 0371 0556 0218 0217 0216
Ices	0218 0216
Icos	0012
Ict	1137 0556
Imperial	0163 0370 0556 0630 0411 0361 0418 0431 0531
Indiana	0556
Ingelen	0487 0610 0714 0163 0361
Inno Hit	0072 0556 0218 0290 0217 0516 0102 0282
Innovation	0519 0556
Interactive	0556 0012 0087 0512 0275 0327 0163 0361 0370 0109 0411
Interbuy	0264 0512 0556
Interfunk	0556 0012 0087 0512 0275 0327 0163 0361 0370 0109 0200
Internal	0556 0499 0374 1909
International	0216
Intervision	0282 0217 0455 0371 0377 0519 0486 0370 0394 0487 0218 0102 0431 0163 0264 0556
Irradio	0556 0218 0290 0371
Isukai	0218 0556 0282 0455
ITC	0217 0320
ITS	0371 0218 0282 0264 0216 0556
ITT	0163 0361 0473 0548 0193 0346 0339 0208 0610
ITT Nokia	0361 0548 0163 0473 0346 0208 0339 0606 0610 0631 0363 0431
ITV	0264 0556 0374
JEC	0035
JMB	0499 0634 0374 0556 0443
Jocel	0712

Jubilee	0556
JVC	0653 0193 0371 0218 0606 0418
Kaisui	0218 0282 0556 0216 0455 0217
Kamp	0216
Kapsch	0163 0361 0206 0259 0104
Karcher	0556 0421 0370 0610 0163 0282 0102 0264 0778 0714
Kathrein	0556
Kawa	0371
Kawasho	0216
KB Aristocrat	0163
Kendo	0610 0556 0163 0519 0512 0370 0377 0363 0428 0411 0102 0235 0362
Kennedy	0163 0206 0435
Kenwood	0105
KIC	0217
Kingsley	0216
Kiton	0556 0668 1668
Kneissel	0370 0610 0411 0374 0499 0556 0435 0259 0292 0238 0362
Kolster	0556 0102
Konka	0556 0371 0714 0418 0218 0725 0641 0816 0587 0754 0779
Kontakt	0487
Korpel	0556
Korting	0087 0421 0370 0320
Kosmos	0556
Kotron	0264
Kraking	0238
Kriesler	0012
KTV	0217
Kuba	0163
Kuba Electronic	0163
Kyoshu	0418 0264
Kyoto	0163 0216 0217
LaSAT	0486 0370
Lecson	0556
Lemair	0411
Lenco	0163 0374 0556 0104
Levis Austria	0556
Leyco	0264 0072 0556 0579
LG	0370 0377 0217 0556 0714 0216 0431 0290 0163 0178 0361 0606 0109 0698 0715 0823

Liesenk & Tter	0327 0556
Liesenkotter	0327 0328 0012 0556
Lifetec	0519 0374 0668 0512 0655 1037 1137 0556 0218 0264 1668
LME	0431
Loewe	0512 0556 0655 0370 0633 0087 0292 0362 0790 0516
Logik	0011 0033 0060 0698 0193 0264 0371
Logix	0668 1668
Luma	0363 0206 0305 0163 0411 0556 0374 0362 0259
Lumatron	0363 0206 0305 0556 0362 0163 0259 0361 0217 0264 0073
Lux May	0556 0581
Luxman	0579
Luxor	0194 0290 0363 0492 0361 0208 0356 0548 0163 0346 0473 0217 0631 1037
LXI	0178
Madison	0556
Magnadyne	0087 0516 0102 0163
Magnafon	0516 0102 0216 0073
Magnavox	0556 0780
Magnum	0648 0714 0556 0715
Mandor	0264
Manesth	0556 0235 0217 0264 0320 0035 0163 0363
Manhattan	0556 0668 1037 0163 0778 1668
Marantz	0556
Marelli	0087
Mark	0556 0217 0216 0374 0714 0715
Master's	0499
Masuda	0218 0371 0264 0217 0556
Materin	0858
Matsui	0556 0487 0235 0177 0011 0355 0072 0033 0217 0354 0371 0433 0443 0363 0579 0455 0163 0516 0035 0431 0208 0045 0195 0191 0335 0714 1037 0629
Matsushita	0650
Matsuiama	0587
Maxam	0264
Mediator	0556 0012

Medion	0668 0519 0512 0556 1137 0698 0808 1037 1437 1668
Megas	0610
Megatron	0003 0145 0178
Meletronic	0346 0512 0109 0343 0105 0104 0374 0217 0492 0216 0411 0163 0287 0556 0634 0361 0191 0195 0661
Melvox	0400
Memorex	0178 0060
Memphis	0337 0072
Mercury	0556
Metz	0195 0535 0447 0554 0191 0367 0388 0746 0087 0556 0275 0587 0668 1037 1668
MGA	0178 0556 0218 0104
Micromaxx	0556 0668 1037 0630 0808 1668
Microstar	0808
Minato	0556
Minerva	0487 0535 0195 0070 0191 0554 0516 0108
Minoka	0556
Mistral	
Electronics	0193
Mitsubishi	0108 0512 0178 0354 0087 0033 0193 0535 0556 0208 1037
Mitsuri General	0163
Mivar	0292 0290 0291 0370 0216 0609 0516 0217
Morgan's	0556
MTC	0060 0370 0512 0163 0216 0361
MTlogic	0714
Multibroadcast	0193
Multistandard	0102
Multitec	0556 0486 0668 1037 1668
Multitech	0363 0486 0370 0556 0217 0216 0102 0264
Murphy	0104 0216 0072 0163
Musikland	0218 0556
Myryad	0556
NAD	0166 0178 0361 0163
Naiko	0606 0556
Nakimura	0374 0556
Naonis	0363 0163
NAT	0226
National	0226

NEC	0170 1170 0320 0455 0374
	0217 0556 0011 0704 0499
	1704
Neckermann	0191 0370 1010 0200 0554
	0556 0163 0327 0418 0087
	0217 0411 0320 0363 0512
NEI	0556 0337 0431 0371 0163
Netsat	0556
Network	0337
Neufunk	0556 0610 0218 0282 0714
New Tech	0556 0343 0217
New World	0218
Nicamagic	0216
Nikkai	0072 0218 0556 0217 0264
	0035 0337 0216
Nikko	0178
Nishi	0482
Nobliko	0102 0070 0216
Nogamatic	0109
Nokia	0361 0163 0548 0492 0473
	0339 0208 0374 0631 0606
	0346 0320 0610 0109
Nordic	0217
Nordmende	0109 0714 0287 0343 0560
	0195 0556 0335 0163 0471
Norfolk	0163
Normerel	0556
Novak	0012 0556
Novatronic	0105 0374 0531 0556
NU-TEC	0455 0698
Nurnberg	0163 0361
Oceanic	0163 0400 0361 0208 0563
	0473 0548
Odeon	0264
Okano	0370 0556 0264 0072
Omega	0264
Omni	0780 0698 0826
Onwa	0371 0602 0218 0433 0581
	0102 0431
Opera	0556
Optimus	0650 0166
Orbit	0556
Orion	0355 0556 0655 0714 0235
	0443 0177 0320 0011 0102
	0264 0516 0531 1916 0033
Online	0218 0556
Ormond	0668 1037 0556 1668
Orsowe	0516
Osaki	0072 0218 0217 0264 0493
	0374 0355 0556

Osio	0556 0290
Oso	0218
Osume	0157 0072 0218 0556
Otto Versand	1010 0512 0556 0535 0195
	0554 0191 0361 0235 0109
	0226 0320 0217 0282 0343
	0428 0431 0516 0519
Pacific	0556 1137 0714 1037
Pael	0216
Palladium	0370 0191 1010 0200 0418
	0554 0556 0327 0087 0163
	0217 0411 0655 0519 0363
	0630 0714 1137
Palsonic	0264 0217 0377 0218 0698
	0556 0779 0418
Panama	0217 0264 0216 0556
Panasonic	0650 1650 0108 0226 0361
	0367 0516 0556 0163 0548
	1310 0853
Panavision	0411 0556
Pathe Cinema	0163 0238 0216 0400 0320
	0292 0431 0370
Pathe Marconi	0109
Perdio	0072 0320 0163 0216 0282
	0556
Perfekt	0556
Pershin	0400
Philco	0087 0418 0145 0163 0370
	0556 0519
Philex	0193 0163
Philharmonic	0217
Philips	0556 0238 0012 0721 0554
	0191 0087 0193 0423 0343
	0374 0772 0200
Phoenix	0556 0370 0486 0163 0087
	0072 0216 0320
Phonola	0556 0012 0087 0193 0216
Pilot	0556 0712
Pioneer	0166 0011 0170 0556 0423
	0428 0370 0343 0361 0109
	0163 0287 0486 0512 0760
Pionier	0370 0486
Plantron	0556 0264
Playsonic	0714 0217 0339 0715
Policom	0102 0109 0206 0238 0275
	0361 0163 0070 0087 0535
Polytron	0697 0282
Portland	0374 1909
Powerpoint	0487 0556
Prandoni-Prince	0516 0361 0363



Precision	0217
Premier	0264
Prima	0264
Princess	0698
Prinston	1037
Prinz	0072 0361 0194
Profex	0163 0431 0361 0363
Profitronic	0556 0102
Proline	0556 0625 0634 0630 0411 0012 0072 0621
Prosonic	0556 0370 0374 0371 0668 0714 0451 0216 0579 0217 1668
Protech	0556 0217 0102 0264 0431 0418 0337 0668 0282 0163 0486 1037 1668
Proton	0178 0003
Provision	0499 0556 1037 0714
Pye	0556 0012 0087 0554 0374
Quadra Vision	0400
Quadral	0218
Quasar	0650
Quelle	1010 0011 0109 0512 0535 0554 0191 0361 0217 0327 0328 0306 0070 0104 0105 0668 0556 0157 0195 0200 0264 0290 0346 0421 1668
R-Line	0556 0163
Radialva	0109 0218 0431 0163 0556 0287 0337
Radiola	0556 0012 0217
Radiomarelli	0087 0516 0556
RadioShack	0556 0178
Radiotone	0556 0428 0370 0579 0418 0648 0668 0264 1037 1668
Rank	0070
Rank Arena	0796 0157 0602 0753
RBM	0070
RCA	0625 0560 0335 0343 0753
Realistic	0178
Recor	0418 0556
Rectiligne	0556
Rediffusion	0361 0548 0346
Redstar	0556
Reflex	0556 1037 0668 1668
Relisys	0865
Reoc	0714 0634 1909
Revox	0556 0370
Rex	0305 0206 0363 0411 0163 0259 0264

RFT	0087 0292 0370 0428 0072 0264 0556
Rhapsody	0216
Ricoh	0556
Roadstar	1037 0418 0556 0668 0218 0264 0282 1916 1668
Robotron	0087
Rodex	0556
Rowa	0264 0698 0217 0712 0216 0587
Royal Lux	0421 0370 0335
Rukopir	0556
Saba	0625 0287 0087 0163 0109 0516 0343 0361 0498 0335 0548 0471 0560 0714
Saccs	0238
Sagem	0610 0455 0282
Saisho	0235 0516 0177 0011 0033 0217 0431 0163 0264 0354
Saivod	0556 0668 0712 1037 1668
Sakai	0163
Sakyno	0455
Salora	0290 0194 0163 0356 0361 0516 0363 0548 0339 0208 0621
Salsa	0335
Sambers	0516 0102
Samsung	0618 0587 0178 0556 0702 0217 0482 0370 0264 0216 0290 0644 0060 0072 0208 0519 0163 0625 0812
Sandra	0216 0217
Sanela	0238
Sansei	0451
Sansui	0729 0556 0706 0371 0655 0727 0725 0602 0421 0455 0861
Sanyo	0208 0157 0292 0721 0011 0370 0339 0072 0216 0217 0104 0045 0555 0163 0108 0556 0486 0799
Save	0556
SBR	0556 0012 0193
Schaub Lorenz	0548 0714 0606 0361 0486 0374
Schneider	1137 0556 0519 0012 0394 0259 0343 0217 0371 0361 0218 0668 1037 0163 0648 0714 1909 1668
Scotland	0163

Scott	0178
Sears	0178
Seaway	0634
Seelver	0556 1037
SEG	0556 1037 1437 0668 0217 0487 0163 0264 0634 0102 0362 0216 0218 1909 1668
SEI	0087 0102 1010 0163 0516 0206 0556 0177
Sei-Sinudyne	0102 0206 0516 1010 0556 0087
Seleco	0305 0206 0363 0259 0362 0163 0411 0371 0264 0346 0435
Sentra	0035 0218
Serino	0610 0455 0216
Sharp	1193 0157 0653 0256 0193 0516 0200 0760 0818
Shintoshi	0556
Shivaki	0556 0443 0451 0374 0178
Show	0418 0072
Siarem	0163 0087 0102 0516
Siemens	0191 0535 0554 0200 0195 0327 0328 0157 0556 0361
Siera	0556 0012
Siesta	0370
Silva	0556 0216 0361 0648
Silver	0455 0361 0556 0715 0163
Singer	1537 0087 0556 0102 0435 0400 0335 0163
Sinudyne	0177 0087 0235 0102 0163 0361 0516 1010 0206 0556
Skantic	0356
Sky	0282 0556
Skymaster	0105
Skysonic	0696 0753
SLX	0668 1668
Smaragd	0487
Soemtron	0865
Sogera	0320
Solavox	0361 0072 0163 0548 0556
Sonawa	0218
Soniko	0556
Sonitron	0208 0370 0339 0217
Sonneclair	0556
Sonoko	0556 0264 0282 0217
Sonolor	0208 0163 0400 1010 0548 0361 0282
Sontec	0556 0370

Sony	1651 1010 0011 0102 0353 0556 0157
Sound & Vision	0102 0218 0374 0556
Soundesign	0178
Soundwave	0556 0320 0418 0715
Standard	0556 1037 0218 0217 0320 0374
Starlite	0163 0556 0264
Stenway	0282 0218
Stern	0305 0206 0259 0163 0363 0264 0411 0435
Strato	0556 0264
Stylandia	0217
Sunic Line	0556
Sunkai	0355 0455 0218 0235 0610 0556 0487 0531
Sunstar	0371 0556 0579 0264
Sunwood	0556
Superla	0516 0216 0217
Supersonic	0208 0556 0698 0264 0805
SuperTech	0556 0216 0218
Superton	0431
Supra	0178 0374
Susumu	0335 0218 0287
Sydney	0216 0217
Symphonic	1904
Sysline	0556
Sytong	0216
T+A	0447
Tandberg	0367 0411 0109 0337 0362 0361 0163
Tandy	0218 0072 0217 0163
Tashiko	0217 0170 0216 0163 0363
Tatung	0003 0556 0072 0516 0217 0011 0629 0621 0033
TCM	0714
Teac	0698 0512 1437 1037 0556 0712 0668 0455 0217 0706 0264 1909 0178 0721 0282 0418 0431 0755 0170 0714 1668 1913 1724
TEC	0217 0471 0335 0337 0259 0556 0361 0163
Tech Line	0556 0668 1437 1668
Techica	0218
Technema	0320
TechniSat	0655 0556 0163
Techwood	0003
Tecnimagen	0556

Tedalex	0217 0418 0606 1537 0706 0208 0698 0587 0556 0431	Toshiba	0035 0060 0508 0070 0102 1508 0217 0109 0718 0195 0191 0618 1916 0698
Teknika	0060	Towada	0102 0217
Teleavia	0109 0287 0343	Toyoda	0371 0493 0264
Telecor	0556 0163 0218 0217 0259 0394	Trakton	0264 0217
Telefunken	0109 0625 0702 0587 0698 0498 0712 0471 0820 0287 0335 0306 0073 0343 0556 0486	Trans Continens	0668 0217 1037 1668 0556 0486
Telefusion	0556	TRANS-	
Telegazi	0163 0259 0218 0264 0556	continents	0621
Telemeister	0320 0556	Transonic	0556 0455 0587 0512 0264 0698 0712 0418
Telesonic	0556	Transtec	0216
Telestar	0556 0579	Triad	0556
Teletech	0556 0668 0337 1037 1668	Trical	0157
Teleton	0217 0275 0206 0163 0259 0363	Trident	0516 0217
Televideon	0320 0163 0216	Tristar	0264 0218 0193
Television	0556	Triumph	0177 0516 0346 0556
Televisto	0400	Tsoschi	0282
Telexa	0102	TVTEXT 95	0556
Tempest	0556 0264	Uher	0556 0206 0320 0374 0418 0486 0370 0259
Tennessee	0556	Ultravox	0087 0102 0374 0216 0163 0556
Tensai	0104 0218 0556 0217 0320 0105 0374 0371 0377 0715 0163	Unic Line	0556 0473 0455
Tenson	0320	United	0556 0714 0715
Tevion	0519 0556 0648 0668 1137 0714 1037 1668	Universal	0556
Textet	0217 0374 0216 0218	Universum	0346 0105 0535 0195 0473 0361 0492 0370 0200 0418 0011 0512 0157 0070 0163 0264 0104 0556 0421 0411 0290 0306 0327 0328 1010 0668 0217 0109 0362 0337 0177 0631 0554 1037 1437 0170 1668
Thomas	1904	Univox	0556 0337 0087 0163 0238
Thomson	0625 0560 0287 0109 0471 0335 0343 0556	Utax	0163
Thorn	0108 0193 0109 0073 0225 0343 0361 0238 1010 0499 0535 0072 0556 0011 0104 0012 0335 0512 0033 0045 0374 0035 0070 0356	Vestel	0163 0217 0556 0668 1037 1668
Thorn-Ferguson	0104 0108 0109 0238 0193 0361 0335 0499 0073 0035	Vexa	0556
TMK	0178 0177	Videologic	0218 0216
Tobishi	0218	Videologique	0216 0218 0217
Tokai	0072 0556 0337 0668 0163 0217 0374 1037 1668	Videotext	0216 0217 0217
Tokaido	1037	Videotext	0216 0217 0217
Tokyo	0216 0035	Videotext	0216 0217 0217
Tomashi	0282 0218	Videotext	0216 0217 0217
Tongtel	0780	Videotext	0216 0217 0217

Vistar	0206 0361
Vortec	0556
Voxson	0087 0556 0363 0418 0163 0178
Waltham	0217 0356 0418 0287 0556 0668 0109 1037 0431 1668
Watson	0556 0320 0163 0218 0305 0579 0519 0394 0668 1037 1437 1668
Watt Radio	0102 0163 0216
Wega	0556 0087
Wegavox	0556
Weltblick	0556 0320 0217
Weston	0556
Wharfedale	0861 0519 0556
White	
Westinghouse	0320 0216 0556 0337 1909
Windsor	0668 1037 1668
Windstar	0282 0337
Windy Sam	0556
Wintel	0714
Worldview	0455
Xenius	0634
XLogic	0698 0860
Xrypton	0556
Yamaha	0650
Yamishi	0282 0455 0218 0556 0217
Yokan	0556
Yoko	0217 0556 0218 0264 0431 0421 0370 0305 0339 0216
Yorx	0218
Zanela	0238
Zanussi	0206 0305 0363 0217
Zenith	1909
Zenor	0339
Zonda	0003

TV

## Video Recorders

## Videorecorder

## Magnétoscopes

## Vídeos

## Vídeo Gravadores

## Videoregistratori

## Videorecorders

Accent	0072
Accuphase	0637
Adyson	0072
Aim	0278
Aiwa	0307 0000 0348 0352 0037 0687 0041 0680
Akai	0037 0106 0315 0642 0041 0020 0352 0240
Akashi	0072
Akiba	0072
Akura	0072 0041
Alba	0278 0072 0352 0020 0000 0315 0348 0081
Allorgan	0240
Allstar	0081
Ambassador	0020
Amstrad	0000 0278 0072
Anitech	0072
Ansonic	0000
Aristona	0081
ASA	0037 0081
Asuka	0072 0037 0081 0000 0038
Audiosonic	0278
Audioton	0020
AVP	0352 0000
AWA	0037 0278 0642 0043
Baird	0106 0278 0041 0000
Bang & Olufsen	0499
Basic Line	0278 0020 0072
Bestar	0278 0020
Black Diamond	0642 0278
Black Panther	0278
Blaupunkt	0226 1262 0081 0034
Blue Sky	0037 0348 0072 0352 0278 0000 0480 0642
Bondstec	0020 0072

VIDEO

Brandt 0041 0320 0321  
 Brandt Electronique 0041  
 Brinkmann 0348  
 Broksonic 0479  
 Bush 0072 0278 0315 0352 0000  
 0348 0081 0642  
 Carena 0081  
 Carrefour 0045  
 Casio 0000  
 Cathay 0278  
 Catron 0020  
 CGE 0041 0000  
 Cimline 0072  
 Clatronic 0020 0072 0000  
 Combitech 0352  
 Condor 0020 0278  
 Crown 0037 0278 0072 0480 0020  
 Cyrus 0081  
 Daewoo 0278 0642 0637 0844 0348  
 0352 0045 0020  
 Dansai 0072 0278  
 Dantax 0352  
 Daytron 0278  
 de Graaf 0042 0166 0081 0048  
 Decca 0000 0041 0081 0067 0348  
 0352  
 Deitron 0278  
 Denko 0072  
 Diamant 0037  
 Dual 0041 0081 0278 0000 0348  
 Dumont 0000 0081  
 Elbe 0278 0038  
 Elcotech 0072  
 Elin 0240  
 Elsay 0072  
 Elta 0072 0278  
 Emerson 0072 0045 0479 0000  
 ESC 0278 0240 0020  
 Etzuko 0072  
 Europhon 0020  
 Fast 0897  
 Fenner 0020  
 Ferguson 0041 0320 0321 0000 0278  
 Fidelity 0000 0072 0240 0432 0352  
 Finlandia 0081 0042 0166 0000 0048  
 0384 0037 0043 0106 0226  
 Finlux 0000 0081 0042  
 Firstline 0072 0348 0043 0037 0045  
 0042 0278  
 Fisher 0047 0038 0020

Flint 0348  
 Frontech 0020 0072  
 Fujitsu 0000  
 Fujitsu General 0037  
 Funai 0000  
 Galaxi 0000  
 Galaxis 0278  
 GBC 0020  
 GE 0320  
 GEC 0081  
 General 0020  
 General Technic 0348  
 Goldhand 0072  
 GoldStar 0037 1237 0480 0000  
 Goodmans 0000 0072 0240 0278 0062  
 0037 0020 0343 0081 0348  
 0637 0352 0642  
 GPX 0037  
 Graetz 0041 0240  
 Granada 0048 0081 0240 0037 0226  
 0042 0000 1262  
 Grandin 0072 0037 0020 0000 0278  
 Grundig 0081 0347 0226 0320 0348  
 0072 1262 0352 0034  
 Haaz 0348  
 Hanimex 0352  
 Hanseatic 0037 0278 0081 0038  
 Hantor 0020  
 Harwood 0072  
 HCM 0072  
 Hinari 0072 0352 0041 0343 0278  
 0240  
 Hisawa 0352  
 Hischito 0045  
 Hitachi 0042 0166 0041 0000 0240  
 0081 0384 0593  
 Höher 0278 0642  
 Hornyphon 0081  
 Hypson 0072 0278 0352 0000 0037  
 0480  
 Impego 0020  
 Imperial 0000 0240  
 Ingersoll 0240  
 Inno Hit 0020 0240 0278 0072  
 Interbuy 0037 0072  
 Interfunk 0081  
 Internal 0278 0637  
 International 0278 0037  
 Intervision 0000 0278 0037 0348  
 Irradio 0072 0037 0081

ITT 0106 0041 0384 0240  
 ITT Nokia 0048 0552  
 ITV 0278 0037 0020  
 JMB 0352 0348  
 Joyce 0000  
 JVC 0041 0067 0384  
 Kaisui 0072  
 Kambrook 0037  
 Karcher 0278  
 Kendo 0106 0315 0348 0072 0037  
 0278  
 Kenwood 0041 0038  
 KIC 0000  
 Kimari 0047  
 Kneissel 0352 0348 0037 0278  
 Kolster 0348  
 Korpel 0072  
 Kuba 0047  
 Kuba Electronic 0047  
 Kuwa 0226 1262  
 Kyoto 0072  
 Lenco 0278  
 Leyco 0072  
 LG 0037 1237 0480 0000 0278  
 Lifetec 0348  
 Loewe 0081 1262 0226 0037  
 Logik 0240 0072 0106  
 Lumatron 0278 0593  
 Lux May 0072  
 Luxor 0106 0043 0072 0062 0047  
 0048 0315  
 Magnavox 0081 0642  
 Magnum 0642  
 Manesth 0072 0045 0081  
 Marantz 0081 0038 0062  
 Mark 0278 0020 0000  
 Master's 0278  
 Matsui 0348 0037 0240 0352 0000  
 0687  
 Mediator 0081  
 Medion 0348 0352  
 Meletronic 0000 0037 0038  
 Memorex 0000 0037 0048 0047  
 Memphis 0072  
 Mercury 0020  
 Metronic 0081  
 Metz 1262 0226 0347 0081 0037  
 0836 0837  
 Micormay 0348  
 Micromaxx 0348

Migros 0000  
 Mitsubishi 0043 0067 0081 0480 0608  
 0000 0642  
 Multitec 0037  
 Multitech 0000 0072 0020  
 Murphy 0000  
 Myryad 0081  
 Naiko 0642  
 National 1262 0226  
 NEC 0041 0038 0067 0040 0037  
 0278  
 Neckermann 0041 0081  
 Nesco 0072 0000 0352  
 Neufunk 0037  
 Nikkai 0020 0072 0278  
 Nokia 0106 0315 0041 0278 0240  
 0048 0042 0081 0552  
 Nordmende 0041 0384 0320 0321 0494  
 0067  
 NU-TEC 0348  
 Oceanic 0000 0048 0106 0081 0041  
 Okano 0315 0348 0072 0278  
 Onimax 0642  
 Orbit 0072  
 Orion 0352 0343 0348 0479  
 Orson 0000  
 Osaki 0000 0037 0072  
 Osume 0072  
 Otto Versand 0081  
 Pace 0352  
 Pacific 0000  
 Palladium 0072 0315 0037 0041 0240  
 0348 0432  
 Palsonic 0072 0000 0642  
 Panasonic 1662 1262 0226 0836 0837  
 Pathe Cinema 0043  
 Pathe Marconi 0041  
 Perdio 0000  
 Philco 0038 0072 0479  
 Phillips 0081 0384 0593  
 Phoenix 0278  
 Phonola 0081  
 Pioneer 0067 0081 0042  
 Portland 0020 0278 0637  
 Prinz 0000  
 Profitronic 0081 0240  
 Proline 0000 0278 0320 0642 0321  
 Proscio 0278  
 Prosonic 0278 0000  
 Protech 0081 0278

Provision 0278  
 Pye 0081 0000  
 Quasar 0278  
 Quelle 0081  
 Radialva 0037 0072 0081 0048  
 Radiola 0081  
 Radionette 0037  
 Rank 0041  
 Rank Arena 0041  
 RCA 0320  
 Reoc 0348 0637 0278  
 Rex 0041 0384  
 RFT 0020 0072  
 Roadstar 0240 0072 0037 0278 0081  
 Royal 0072  
 Saba 0041 0320 0321 0384 0494  
 0062 0278  
 Saisho 0348  
 Salora 0043 0106  
 Samsung 0240 0432 0620  
 Samurai 0020  
 Sansui 0041 0067 0106 0072 0348  
 0479  
 Sanyo 0047 0048 0067  
 Saville 0352 0278 0240  
 SBR 0081  
 Scan Sonic 0240  
 Schaub Lorenz 0041 0000 0106 0315  
 Schneider 0072 0000 0037 0081 0278  
 0240 0042 0897 0352 0642  
 Seaway 0278  
 SEG 0072 0240 0278 0642 0081  
 0637  
 SEI 0081  
 Sei-Sinudyne 0081  
 Seleco 0041 0384 0020 0037  
 Sentra 0072 0020  
 Setron 0072  
 Sharp 0048 0062 0037 0569  
 Shintom 0072  
 Shivaki 0037  
 Siemens 0037 0081 0320 0347  
 Siera 0081  
 Silva 0037  
 Silver 0278  
 Singer 0348 0045  
 Sinudyne 0081 0352  
 Smaragd 0348  
 Solavox 0020  
 Sonitron 0047

Sonneclair 0072  
 Sonoko 0278  
 Sonolor 0048 0062  
 Sontec 0037 0278  
 Sony 0034 0032 0106 1032 1232  
 Soundwave 0037 0348  
 Ssangyong 0072  
 Standard 0278  
 Starlite 0037  
 Stern 0278  
 Sunkai 0348 0278  
 Sunstar 0000  
 Suntronic 0000  
 Sunwood 0072  
 Supra 0037 0240 0348  
 Symphonic 0000 0072  
 T+A 1262 0226  
 Tandberg 0278  
 Tashiko 0000 0048 0240 0081 0037  
 Tatung 0000 0041 0081 0048 0043  
 0348 0352  
 Tchibo 0348  
 TCM 0348  
 Teac 0072 0041 0000 0278 0642  
 0037 0081 0307 0781 0593  
 0637 0844  
 TEC 0020 0278 0072  
 Tech Line 0072  
 Technics 0226  
 TechniSat 0348  
 Tedalex 0037 0348  
 Teleavia 0041  
 Telefunken 0642 0041 0320 0321 0384  
 0494 0278  
 Telestar 0037  
 Teletech 0072 0278 0000  
 Tempest 0020  
 Tenosal 0072  
 Tensai 0000 0037 0072 0278  
 Tevion 0348  
 Texet 0278 0020  
 Thomson 0320 0722 0321 0041 0067  
 0384 0494 0278  
 Thorn 0041 0037  
 Thorn-Ferguson 0320  
 Tokai 0072 0037 0041  
 Tokiwa 0072  
 Topline 0348  
 Toshiba 0045 0041 0384 0043 0081  
 0352

Towada	0072
Tradex	0081
Trakton	0020
Tredex	0278
Triad	0278
TVA	0020
Uher	0037 0240
Ultravox	0278
Unitech	0240
United	0348
United	
Quick Star	0278
Universum	0000 0081 0240 0037 0106
	0348
Victor	0067
Video Pro	0020
Video Technic	0000
VideoPro	0020
Watson	0081 0352 0278 0642
Weltblick	0037
Wharfedale	0593 0642
World	0348
Yamaha	0041
Yamishi	0072 0278
Yokan	0072
Yoko	0037 0072 0020 0240
Zenith	0637
ZX	0348 0352

## Satellite Receivers

## Satellitenempfänger

## Récepteurs satellites

## Receptores de satélite

## Receptores de satélite

## Ricevitori via Satellite

## Satelliet-ontvangers

@sat	1300
ABsat	0832 1323 0710 0713
ADB	0642 1259 1367 1491 1493
	1494 1495 1473
Adcom	0200

Aegir	0520
AGS	0710
Akai	0200
Alba	0455 0713 1284
Aldes	0520
Allsat	0200 1043
Allsonic	0369
Alltech	0713
Alpha	0200
Altai	0396
Amitronica	0713
Ampere	0396 0132
Amstrad	0847 1175 0713 0742 0396
	0132 0882 0885 0863 0501
	0795 1113
Anglo	0713
Ankaro	0369 0713
AntSat	1083
Apollo	0455
Arcon	1043 0834 0132 1075
Armstrong	0200
Arnion	1300
ASA	0397
Asat	0200
ASCI	0114
ASLF	0713
Astacom	0710
Aston	0142 1261
Astra	0607 0713
Astro	0133 0173 0520 0369 0501
	0658 0607 1113 1099 1100
	0200 0292
Atlanta	0871
Aurora	0879 0642
Austar	1259 0863 0642 0497 0879
	1176 1173
Avalon	0396
Axiel	0710
Axis	1111 0369 0834
Beko	0455
Best	0369
Blaupunkt	0173
Blue Sky	0713 0885
Boca	0132 0794 0713
Boston	0132 0710 0794
Broco	0713
BskyB	0847 1175
BT	0710
Bubu Sat	0713
Cambridge	0501



Canal Satellite	1339 0292
Canal+	0292
Cherokee	0710 1323 1480
Chess	0114 0157 0605 0713 1085
CityCom	1176 0115 0607 0299 0818
Claasen	
Nachrichten	0520
Clemens	
Kamphus	0834 0396
CNT	0520
Cobra	0396
Colombia	0132
Columbia	0132 0794
Comag	0132
Condor	0369 0607
Connexions	0396 0369
Conrad	0607 0573 0115 0369 0501
	0132
Conrad	
Electronic	0607 0713
Cryptovision	0455 0795
Cyrus	0200
D-box	1114 0723
Daeryung	0396
Daewoo	0713 1111
Daumling	0794
Delfa	0863
Deltasat	1075
DGTEC	1242 1542
Digatron	1294
Digena	1100
Digenius	0299 1161
Digiality	0607
Digipro	1105
DigiQuest	0863
DigitAll World	1227
DiPro	1473
Discoverer	0605 0157
Discovery	0710 1480
Diseqc	0710
Distratel	0084 0885 1283
Distrisat	0200
DMT	1075
DNT	0200 0396
DREAM	
multimedia.TV	1237 1537 1637 1437
DStv	0642 0879
Dune	0369
Dynasat	0679

Echostar	0610 1467 0871 0167 1086
	1200 0454 0396 0713 0511
	0453 1323 1477 1473
Einhell	0132 0713 0501 0794
Elap	0713 0710
Elekta	0520
Elsat	0713
Elta	0200 0369
Emme Esse	0369 0679 0871
eMTech	1214
Engel	0713
EP Sat	0455
Eurieult	0084 0885 0882 0136
Eurocrypt	0455
Europa	0863 0607 0501 0200
European	0794
Europhon	0299 0607 0132
Eurosky	0607 0132 0299 0115 0369
	0114 0501
Eurostar	0607 0679 0115 0818
Eutelsat	0713
Fenner	0157 0605 0713 0369
Ferguson	0455 0711 1291
Fidelity	0501
Finlandia	0455
Finlux	0573 0455 0397
Flair Mate	0713
Force	1194
Fortec Star	1083
Foxtel	1356 0879 0720 0455 0497
	0795 1176 1173 1162
Fracarro	0871
Freecom	0501 0173
Freesat	0882
FTEmaximal	0369 0713 0863
Fuba	0369 0396 0173 0573 0115
	1161 0299
Fugionkyo	1105
Galaxis	1111 0834 0863 1176 0369
	0115 0879
Gardiner	0818
Garnet	1075
GbSAT	1214
GF	0834 1043
GF Star	1043
GOD Digital	0200
Goldbox	0292
Golden Interstar	1283
Gooding	0571
Goodmans	1284 0455

Granada 0455  
 Grandin 0084 0136  
 Grundig 0173 0847 1150 1291 0571  
 0750 0879 0885 0501 1330  
 Hanseatic 0605 1099 1100  
 Hänsel & Gretel 0132 0607  
 Hanuri 0520  
 Hauppauge 1294  
 HB 1214  
 HDT 1011 1159  
 Heliocom 0607  
 Helium 0607  
 Hirschmann 0396 0882 1113 1111 0173  
 0573 1085 0397 0299 0501  
 0710 0607 0369  
 Hitachi 0455  
 HNE 0742 0132  
 Homecast 1214  
 Houston 0396  
 Humax 1176 0863 1225 1427  
 Huth 0132 1143 0607 0794 1075  
 Hypson 0136  
 Hyundai 1011 1159 1075  
 iCan 1367  
 ID Digital 1176 0863  
 Imex 0084 0136 0520  
 Ingelen 0396 0882  
 International 0132  
 Interstar 1105 1214  
 Intervision 0628 0607  
 Invideo 0871  
 Irdeto  
 Technology 0879  
 Italtel 0871  
 ITT Nokia 0573 0455 0397 0723  
 Jepssen 1214  
 JOK 0710  
 JVC 0571  
 K-SAT 0713  
 Kamm 0713  
 Kaon 1300  
 KaTelco 1111  
 Kathrein 0658 0249 1057 0173 1221  
 0200 0713 0818 0742 0115  
 1323 0710 0114  
 Kathrein  
 Eurostar 0115  
 Key West 0794 0132  
 Kiton 0114  
 Klap 0710

Konig 0607  
 Koscom 0834 1043  
 Kreilling 0658 0249 0114 1480  
 Kreiselmeier 0173  
 Kyostar 0132  
 L&S Electronic 0369 1043 0132  
 LaSAT 0369 0520 0607 0115 0132  
 0157 0299  
 Lenco 0713 0115 0369 0607  
 Lenson 0501  
 Lexus 0200  
 LG 1075  
 Lifesat 0605 0132 0369 0157 0299  
 1043 0713  
 Lodos 1284  
 Logix 1075  
 Lorenzen 0299 1294 1161 0794 0867  
 0607 0742 0132  
 Lupus 0369  
 Luxor 0573 0501  
 M&B1 0605  
 Madritel 0642  
 Manata 0710 0136 0713 0132  
 Manhattan 1083 0455 0520 0710 0834  
 Marantz 0200  
 Mascom 0520  
 Maspro 0750 0713 0173 0571  
 Matsui 0571 0710 0173  
 Max 0607  
 Maximum 1075  
 MB 0605  
 MDS 1225  
 Mediabox 0292  
 Mediacom 1206  
 MediaSat 0501 0292  
 MediaStar 1173  
 Medion 0713 0299 1043 0369 0132  
 1075  
 Medison 0713  
 Mega 0200  
 Meletronic 0818  
 Metronic 0713 1215 1282 0520 1283  
 0084 0136 0818 0885  
 Metz 0173  
 Micro 0607 0501 0713 1294  
 Micro electronic 0713  
 Micro  
 Technology 0713  
 Micromaxx 0299 0369  
 Microstar 1075

Microtec 0713  
 Minerva 0571  
 Mirage 0511  
 Mitsubishi 0455  
 Morgan's 0200 0794 0713 0132  
 Motorola 0856  
 Multichoice 0642 0879  
 Multitec 0157  
 Myryad 0200  
 Mysat 0713  
 Netgem 1322  
 Neuhaus 0501 0713 0834 0607  
 Neusat 0713 0834  
 Neveling 1161  
 Newton 0396  
 NextWave 1143  
 Nikko 0713 0723 0200  
 Nokia 1023 1114 0751 0723 0573  
 1223 0455 0397 1723  
 Nordmende 0455 0520  
 Nova 0879  
 OctalTV 1294  
 OnDigital 0751 0329 0241 0867 0133  
 Optex 0834 1283 1043 0114  
 Optus 0879 0292 1143  
 Orbitech 1099 1100 0200 0292 0501  
 0157 0114 0834  
 Origo 0497  
 Pace 0455 0847 1175 1356 0241  
 0867 1323 0795 0720 0497  
 0200 0710 1423  
 Pacific Satellite 0834  
 Packard Bell 1111  
 Packsat 0710  
 Palcom 0299 1161  
 Palladium 0571 0501 0396  
 Palsat 0501 0157  
 Panasat 0879 0615  
 Panasonic 0847 1304 0455 1320  
 Panda 0455 0607 0713 0834  
 Patriot 0132 0710  
 Philips 0200 1114 0292 0455 0750  
 0710 0571 0173 0133 0818  
 Phoenix 1273  
 Phonotrend 0863 1200  
 Pilotime 1339  
 Pioneer 0329 0292 1308 0352  
 Planet 0871 0396  
 Polytron 0396  
 Praxis 0511

Preisner 0132 0396 0794 1113  
 Premier 0292  
 Premiere 1114 0723 1111 1176 1100  
 0249 0658 0292  
 Primacom 1111  
 Pro Visat 0520  
 Profile 0710  
 Promax 0455  
 Prosat 0628 1173  
 Prosonic 0742  
 Provision 0520  
 Pye 0571  
 Pyxis 0834  
 Quadral 0369 0628 0710 1323  
 Quelle 0607 0742 0115 0299  
 Radiola 0200  
 Radix 0396 1113 0882  
 Rebox 1214  
 Red Star 0369  
 RFT 0200  
 Roadstar 0713  
 Roch 0136  
 Rover 0628 0713 0369  
 S-ZWO 1207  
 Saba 0520 0710 0885 0115 0607  
 Sabre 0455  
 Sagem 0820 1114 1253  
 Samsung 0863 1243 1458 1206 1293  
 Sansui 0751  
 SAT 0501  
 Sat Control 1300  
 Sat Cruiser 1143  
 Sat Partner 0520 0501  
 Sat Team 0713  
 Satcom 0605 0607  
 Satec 0713 0834  
 Satelco 0369  
 Satline 0628  
 Satplus 0157 1100  
 Satstation 1083  
 Schneider 0710 0157 1206  
 Schwaiger 1083 0605 0863 0157 0607  
 0885 1111 0132 1075  
 SCS 0115 0299  
 Sedea  
 Electronique 0132 1105  
 Seemann 0396  
 SEG 0369 0605 0742 0114 1087  
 1075  
 Seleco 0871

Septimo	0885
Serino	0610
Servi Sat	0136 0713
Siemens	0173
Silva	0299
Skantin	0713
Skinsat	0501
SKR	0713
Sky	0847 0856 1014 0711
SKY Italia	1847 1848
SKY+	1175
Skymaster	0713 0605 0157 1200 1085 1075 0628
Skymax	0200
SkySat	0157 0605 0713 0501 0114 0607
SL	0132 0742
SM Electronic	0157 0713 1200 1075 1085
Smart	0132 0299 0882 0396 1113 0115 0713 1273 0794
Sony	0282 0847 0455 0292
SR	0132
Star Sat	1085
Starland	0713
Stream	1847 1848
Strong	0369 0520 0879 1105 1158 1159 1300 1473
STVI	0136
Sunny Sound	0369
Sunsat	0713
Sunstar	0369 0794 0132 0642
Super Sat	0679
Supermax	1143
Systec	0132
Tantec	0455
Tarbs	1225
Tatung	0455
Teac	1227 1225 1322
Tecatel	1200
TechniSat	0200 0292 1099 1100 0501 1322 0114 0157 0455 0863 0396
Technomate	1283
Technosat	1143 1206
Technotrend	1429
Technowelt	0607 0885 0132
Techwood	0114
Telasat	0605 0115 0607
Teleciel	1043
Telecom	0713

Telefunken	0710
Teleka	0396 0750 0501 0607 0834
Telemaster	0520
Telesat	0605 0607
Telestar	0501 1099 1100 0114 0200 0157 0292
Telesystem	0396
Teletech	0114
Televés	0455 0501 0132 1214 0511 1300
Tempo	1143
Tevion	0713
Thomson	0455 0711 1900 0847 0713 0292 0115 0607 1291 0820 0710 1046 1498
Thorn	0455
Tioko	0132
Tokai	0200
Tonna	0455 0501 0713 0834
Topfield	1206 1207
Toshiba	1446 0455
TPS	0820 1253 1307
Triasat	0501
Triax	0501 0115 0200 0396 0713 0114 1291 0132 1099 1113 1227
Trio	1075
Turnsat	0713
Twinner	0132 0136 0713
UEC	0879 1162
Uher	0157
Uniden	0834
Unisat	0200 0132
Universum	0173 0571 0397 0607 0299 0115 0742 1087 0114 1099
Van Hunen	1161 0299
Variosat	0173
Vega	0369
Ventana	0200
Vestel	0742 0114
VH-Sat	1161 0299
Viasat	1323 1023 0820
Visionic	1105
Visiosat	0710 0713 0142 0114
Vivid	1162
VTech	0818
Welltech	0157
Wetekom	0157 0605 0501
Wewa	0455

Wisi	0173 0396 0299 0455 0501 0607 0834
Woorisat	0520
Worldsat	0710 1473 0114 1480
XCOM	0832
Xrypton	0369
XSat	0832 0713 1214 0847 1323
Xtreme	1300
Zehnder	1075 0742 0114 0115 0818 0520 0369
Zenith	0856
Zeta Technology	0200
Zinwell	1176 1173
Zwergnase	0794

## Cable Converters

## Kabelsignalumwandler

## Décodeurs de câble

## Decodificadores

## Conversores de Cabo

## Decoder

## Kabel Decoders

Amstrad	1222
Austar	0012 0276
BT	0003
Canal Plus	0443
Comcrypt	0443
Decsat	0423
Eurodec	0423
Filmnet	0443
Foxtel	1222
France Telecom	0451 0817
freebox	1482
General	
Instruments	0276 0003
Golden Channel	1110
HyperVision	0619
Jerrold	0003 0276
Kabelvision	0003
Macab	0817
Melita	0003
MNet	0443 0019
Motorola	0276 1106
Mr Zapp	0817

Multichoice	0019 0443
Noos	0817
NTL	1068 0250
Oak	0019
Ono	1068
Optus	0276
Pace	1068 1368
Philips	0619 0451 0817
PVP Stereo	
Visual	0003
Sagem	0817 1089
Scientific	
Atlanta	0277
Tele Danmark	0619
Tele+1	0443
Teledanmark	0619
Telepiu	0443
Telewest	1368 1068
Thomson	1110
Tri-Vision	1257
Tudi	0619
United Cable	0003
Videotron	0250
Videoway	0250
Visiopass	0451 0817

## Vidac

Hauptpage	1408
Hewlett Packard	1272

## CD

Advantage	0032
Alba	0615
Alto	0625
Ariston	0625
Bush	0615
Cambridge	
Audio	0625
Carver	0179
Copland	0393
Craig	0615
Denon	0003 0626
DKK	0000
Dual	0003
Dynamic Bass	0179
Eclipse	0625
Elektra	0393
Fidelity	0625

Fisher	0179
Garrard	0393
Gemini	0625
Genexxa	0000 0037 0179 0032 0615
Goodmans	0625 0615
HCM	0625
Hiro	0625
JVC	0072
Kenwood	0037 0028 0036
Lansay	0625
Marantz	0626
Memorex	0032
MTC	0625
Musical Fidelity	0393
NAD	0000
Optimus	0179 0000
Orion	0393
Panasonic	0303
Philips	0626
Pink Triangle	0625
Pioneer	0032
Radiotone	0615 0625
RCA	0179
Realistic	0179
Sansui	0625
Sanyo	0179
Schneider	0615
SEG	0625
Sharp	0037
Sony	0000 0490
SuperTech	0625
Synergy	0625
Tandy	0032
Teac	0615 0393 0625
Technics	0207 0303
Traxdata	0626
Victor	0072
Watson	0615
Yamaha	0036 0032
Zenith	0615

## Phono

Grundig	0188
Marantz	0188
Philips	0188
Revox	0188
Universum	0188

## Misc

Kiirō	1179
LG	1179
Samsung	1179
Scan	1179
Teac	1179
Videologic	1179
XMS	1179

## Home

One For All	0167
X-10 home automation	0167
X10	0167

## AMP

Minowa	1129
Philips	1618
Red Star	1381
Reoc	1381
Sansui	1330
Schneider	1129
Sony	0689
TCM	1129
Tevion	1129
Thomson	1129
Yamaha	0354

## Tuner

AEG	1390
Aiwa	0121 1243 1405 1158 1258
	1388 1641
Akai	0115 0609 1390 1178
All-Tel	1390
Amstrad	0744
Anam	0609
Arcam	1189 1269 1289
Audiolab	1189 1269 1289 1192
Bang & Olufsen	0799
Basic Line	1554
BAT	1189 1269 1289
Belson	1389
Bush	1189 1269 1289 1278 0797
Cambridge	
Audio	1189
Carver	0360

CCE	1352
Centrex	1257
Centrum	1554
Classic	1352
Clatronic	0744 0797
Copland	1189 1269 1289
Cosmotron	0797
Daewoo	1178 1250
Denon	1104 1460 1360
DiK	0797
DMTECH	1390
Dual	1390
eBench	0744 0797
Elta	0744 0797 1390
Fisher	0360
Garrard	0463 0744
Goldmund	1189 1192 1269 1289
Goodmans	0609 0744 0747 0797 1178 1199 1420 1611
Grundig	1189 1192 1269 1289 0744 0849 1227 1344 0797
Grunkel	0744
Harman/Kardon	1304 1310 1189 1192 1269 1289 0208
Harwood	0744
HCM	1390
Hitachi	1344 1554
Höher	1257
Inkel	0502
Intersound	0744
JBL	1290
JVC	0074 0464 1374 1141 1200 1495
Kenwood	1313 1569 1570
Koss	0744
Lenox Sound	1611
LG	1293 1524
Lifetec	0797
Linn	1189 1192 1269 1289
Loewe	1189 1192 1269 1289
LXI	0744
Marantz	1189 1192 1269 1289
Mark	1189 1269 1289
Matsui	0797 0747 0744
Medion	0797
Melectronic	0609
Meridian	1189 1269 1289
Micromega	1189 1192 1269 1289
Microstar	0797
Mustek	1352

Mx Onda	0744 0797
Myryad	1189 1192 1269 1289
NAD	0320 0609
Naim	1189 1269 1289
Nikkai	1389
Nikkei	0744
NTDE	0744
Okano	0609
Onkyo	1320 0135 1298
Orient Power	0744
Orion	0463
Palladium	0797
Panasonic	1308 1309 1518 1288 1765
Philips	1189 1269 1289 1266
Phonotrend	0502
Pioneer	1023 0289 1184 1189 1269 1289 1284 1459
Prima Electronic	0797
Proline	0797 1390
Proson	0609
Quad	1189 1269 1289
Quelle	1178
Radiola	1189 1269 1289
RadioShack	0744
Revox	1189 1192 1269 1289
Revoy	1189 1269 1289
Roadstar	0747 0797
Saba	1154
Samsung	1199 1424 1295
Sansui	0609 1329
Sanyo	0360 1801 0744
Schneider	0744 1390 1178 1199
SEG	1250
Sherwood	0502 0653
Siemens	0609
Sony	1658 1758 1759 1158 1258 1858 1558 1441 1454
Soundwave	0609
Tag McLaren	1189
TCM	0797
Teac	1199 0797 0609 1278 0463 0744 0747 1390 0849 1425 1479 1178 1279 1222 1271 1226 1227 1528
Technics	1308 1309 1518 0208 1765 1288
Tevion	1425 1611
Thomson	1154
Thorens	1189 1269 1289 1192
Thorn	0744

Toshiba	1572
United	1390
Universum	1178 1425 0797 0609 1390 0744 1609 1189 1269 1289 1192
Venturer	1390
Victor	0074
Waitec	1352
Watson	0797
Welltech	0797
Wharfedale	0609 1390
Yamaha	0176 1276 0712 1331
Yukai	1352
Zenith	0744

## Tape

Sony	0243
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## Laser

Denon	0059
Grundig	0059
Mitsubishi	0059
NAD	0059
Pioneer	0059
Telefunken	0059

## DAT

Grundig	0158
Harman/Kardon	0158
Kenwood	0158
Marantz	0158
Myryad	0158
Philips	0158
Technics	0158

## DVD

3DLAB	0539
A-Trend	0714
Acoustic Solutions	0730
AEG	0788 0790
Afreey	0698
Aim	0699
Aiwa	0641 0695 0869 0533

Akai	0611 0790 0779 0788 0766 0690 0716 0884 0713 0852 0705 1083 1115
Akashi	0838
AKI	0853 0718 0780
Akira	0699
Akura	0898 1051
Alba	0717 0699 0713 0723 0695 0730 0783 0539 0672 1051
Albatros	1100
All-Tel	0790 0712
Amitech	0784 0850
Amoisonic	0764 0835
Amstrad	0713
AMW	0872
Ansonic	0759 0831
Apex Digital	0672 0799 1100 1056
Arena	0852
Aria	0893
Arianet	0893
ATD	0718
Audiosonic	0690
Audix	1083
Auvio	0843 1090
AWA	0730 0872
Axion	0730
Baier	0752
Bang & Olufsen	1025
Basic Line	0713 1994
BBK	0862 1084
Bellagio	0872
Best Buy	0857
Black Diamond	0713 0766
Blaupunkt	0717
Blue Sky	0699 0695 0713 0672 0843 0651
Boman	0783
Bosston	0777
Brainwave	1115
Brandt	0651 0551 0503
Britannia	0746
Bush	0699 0690 0689 0717 0713 0516 0811 0818 0695 1695 0879 0831 0884 0723 0730
C-Tech	0768
Cambridge Audio	0751 0696 1084 1109
Cambridge Soundworks	0696
CAT	0699 0789 0787



Celestial	0672 1020
Centrex	0672 1004
Centrum	0713 0789 0779 0893 1994
CGV	0751
Cinetec	0713 0872
cineULTRA	0699
CineVision	0876
Classic	0730
Clatronic	0788 0779 0818 0672
Clayton	0713
Coby	0730
Conia	0852 0764 0516 0835 0672
Contel	0788
Continental	
Edison	0872
Crown	0651 0690
Crypto	0882
Cybercom	0831
CyberHome	0714 0816 0874 1023
Cytron	0716 0651 0705 0831
D-Vision	1115
Daewoo	0705 0832 0714 0870 0872
Daewoo	
International	0872 0699
Dalton	1036
Dansai	0747 0783 1115
Dantax	0723
Daytek	0872
Dayton	0872
DCE	0831
DEC	0699 0818
Denon	0634 1634
Denver	0699 0788 0898 0818
Denzel	0665
Desay	0800
Diamond	0651 0768 0751 0723
Digihome	0713
digiRED	0717
Digital i	0893
Digitor	1005
Digitrex	0672 1100 0795 1056
DiK	0831
Dinamic	0788
DiViDo	0705
DK digital	0831 0840
DMTECH	0783 0790
Dragon	0831
DTS	0799
Dual	0665 0651 0713 0730 0783 0779 0790 0831

DVD

DVX	0768
E-Boda	0723
Easy Home	0857
Eclipse	0723 0751
Electrohome	0784
Ellion	0850
Elta	0690 0788 0790 1115 1151
Eltax	0766 1092 1987 1096
Emerson	0591 0705
Encore	0698
Enzer	0665 0701 0784 0766
EuroLine	0788 1115 1083
Ferguson	0651
Finlux	0741 0783 0591 0672 0751
Firstline	0799 0869 0651
Funai	0695
GE	0717
Germatic	1051
Global Solutions	0768
Global Sphere	0768
Go Video	0783
GoldStar	0591 0741
Goodmans	0651 1004 0790 0690 0783 0723 0818 0879 0713 0730 1221
Graetz	0665
Grandin	0716
Grundig	0539 0695 0651 0775 0705 0790 0701 0713 0670 0723 1695 1004 1730
H&B	0818 0713 0841 0850
Haaz	0768 0751
Haier	0843 1090
Hanseatic	0741 0783 1153
Harman/Kardon	0702
Haus	0849
HCM	0788
HDT	0705
HE	0730
Henß	0713
Himage	0825
HiMAX	0857 0843 1106
Hitachi	0664 0665 0573 0779 0857 1994
Hiteker	0672
Höher	0831
Home	
Electronics	0730
Hoyo	0743
Hyundai	0783 0850

DVD

ICP	1153
Ingelen	0788
InterAct	0697
ISP	0695
JBL	0702
JDB	0730
Jeken	0699
Jeutech	0777
Jindian	0799
JMB	0695
JNL	0735
Jocel	0780
JVC	0623 0539 0503 0867 1164
jWIN	1051
Karcher	0783
Kendo	0699 0713
Kenwood	0737
Kihiro	0718 0780 0853
King DHome	0799
Kingavon	0818
Kiss	0841 0665
Koda	0818
Konka	0711
Koss	0651
Kotron	0851
KXD	0857
Lasonic	0743
Lawson	0705 0716 0768
Lecson	0696 0747
Lenco	0699 0651 0818 0713 0831
Lenoxx	0819 0690 0838
Lexia	0699
LG	0591 0741 0869
Lifetec	0651 0831
Limit	0716 0768
LiteOn	1058
Loewe	0539 0741
LogicLab	0768
Logix	0705 0783 1101
Lumatron	0705
Luxman	0573
Luxor	1004
Magnavox	0503 0818 0675
Magnex	0723
Manhattan	0705 0713
Marantz	0539
Mark	0713
Mastec	1006
Matsui	0651 0672 0695 0713 0884
Maxdorf	0788

DVD

Maxim	0825 0713
MBO	0690 0730
MDS	0699
Mediencom	0773 0746 0853
Medion	0651 0783 0716 0758 0879
	0831 0630
Memorex	0831
Metz	0571 0525 0713
MiCO	0723 0751 1221 1223
Microboss	0718
Micromaxx	1695 0695
Micromedia	0503 0539
Micromega	0539
Microsoft	0522
Microstar	0831
Minato	0752
Minax	0713
Minerva	0705
Minix	1113
Minowa	0712
Mirror	0879 0752
Mitsubishi	0713
Mizuda	0818 0857
Monyka	0665
MP	0843
MPX	0843
Mustek	0730 1730
Mx Onda	0651 0751 0723
NAD	0704 0741 0692
Naiko	1004
Nakamichi	0611
NEC	0869 0692
Neufunk	0665
Nevir	0831
Nintaus	0793 1051
Nordmende	0831
Noriko	0752
Nowa	0843
NU-TEC	0516
Okano	0752
Omni	0698 0746 0840 0690 0883
	0699 1065 1104
Onix	0838
Onkyo	0627 0503 0612 1612
Optim	0747 0843
Optimus	0571 0525
Orava	0818
Orion	0695 1128 1695 1006
Oritron	0651
P&B	0818

DVD

Pacific 0768 0790 0759 0713 0831  
Palladium 0695 0779  
Palsonic 0689 0835 0852 0672  
Panasonic 1490  
Panda 0717 0783  
Philips 0539 0646 0503 0675  
Phonotrend 0699  
Pioneer 0571 0525 0631  
Plu2 0850  
Pointer 0784  
Portland 0690  
Powerpoint 0853 0872 0780 0718  
Prima 0766  
Prima Electronic 0766  
Prinz 0831  
Prism 1006  
Prodisma 0853  
Proline 0651 0686 0672 0790 1004  
Proscan 0522  
Prosonic 0699  
Provision 0699 0818  
Radionette 0741 0869  
Raite 0665  
Rank Arena 0780 0718  
RCA 0522 0651  
REC 0689 0766 0746  
Red Star 0759 0748 0788 0898 0805  
0806  
Reoc 0768 0752 0875  
Revoy 0699 0841  
Rex 0838  
Rimax 1151  
Roadstar 0699 0690 0689 0713 0818  
0730  
Ronin 0872  
Rotel 0623  
Rowa 0823 0759 1004 0516 0525  
0717  
Rownsonic 0789  
Saba 0651 0551  
Sabaki 0768  
Saivod 0759 0831  
Salora 0741  
Sampo 0698 0752  
Samsung 0573 0744 0820  
Sansui 0695 0716 0768 0784 0723  
0751  
Sanyo 0670 0695 0790 0873 0896  
Scan 0705 0835 0850

ScanMagic 0730 1730  
Schaub Lorenz 0788  
Schneider 0651 0783 0779 0705 0790  
0788 1153 1101  
Schwaiger 0752  
Scientific Labs 0768  
Scott 0718 0780 0651 0672 0853  
1036  
SEG 0665 0713 0768 0884  
Shanghai 0672  
Sharp 0630 0752 0695  
Sherwood 0717 0741 0633  
Shinco 0717  
Sigmatek 0857  
Silva 0788 0898  
Silva Schneider 0831  
Singer 0690 0716 0723 0751 0768  
Sinotec 0764  
Skymaster 0730 0768  
Skysonic 0766  
Skyworth 0766 0898  
Slim Art 0784  
Slim Devices 0533  
SM Electronic 0730 0768 0690  
Smart 0718 0705 0713  
SMC 0811  
Sogo 0853  
Sonashi 0716  
Sony 0533 1533 1133 0573 1017  
Soundmaster 0768  
Soundmax 0768  
Soundwave 0783  
Spectra 0872  
Standard 0651 0768 0788  
Star Cluster 0768  
Starmedia 0818 0893  
Sunkai 0850  
Sunwood 0788  
Supervision 0730 0768  
SVA 0672  
Synn 0768  
Tandberg 0713  
Tatung 0771  
Teac 0717 0741 0516 0571 0692  
0768 0591 0758 0759 1006  
0735 0790  
TEC 0898  
Technica 1097  
Technics 1490

Technika	1097 1115 0831
Technosonic	1051 1115
Techwood	0713
Tedalex	0690
Telefunken	0790 1083 0789 0788
Teletech	0713
Tensai	0690 0651
TerraTec	0825
Tevion	0651 1036 0768
Theta Digital	0571
Thomson	0551 0522
Tokai	0665 0898 0698 0788 0784
Tokaido	0698
Tokiwa	0705 0716
Tongtel	0764
Toshiba	0503 0758 1045 1988
TRANS-	
continents	0872 0831
Transonic	0672
Tredex	0799 0843
TruVision	0857
Truvox	1102
Umax	0690 1151
United	0788 0730 0790 1083
Universum	0741 0713 0591 0779
Venturer	0790
Vestel	0713
Vieta	0705
Viewmaster	1084 0862
Voxson	0730 0831 0690
VTrek	0882
Walkvision	0717
Welkin	0831
Wellington	0713
Wesder	0699
Wharfedale	0686 0768 0696 0698 0723 0751 0752
Wilson	0831
Windy Sam	0573
Wintel	0777
Woxter	1151
XBox	0522
XLogic	0768
XMS	0788 0689 1689 1188
Xoro	0806 0829 1079
Yakumo	1004
Yamada	1004 0872 1151
Yamaha	0539 0817 0646
Yamakawa	0665 0765 0872 1104

Yelo	0718 0780
Yukai	0730
Zenith	0503 0591 0741
Zenix	0849
Zeus	0851 0784

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